

Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] ab109746

リコンビナント **RabMAb**

★★★★☆ **6 Abreviews** **16 References** 画像数 17

製品の概要

製品名	Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281]
製品の詳細	Rabbit monoclonal [EP4281] to Myelin oligodendrocyte glycoprotein
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Mouse brain, Rat brain and Human brain lysates; Human astrocytoma tissue and Human brain tissue
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EP4281

アプリケーション

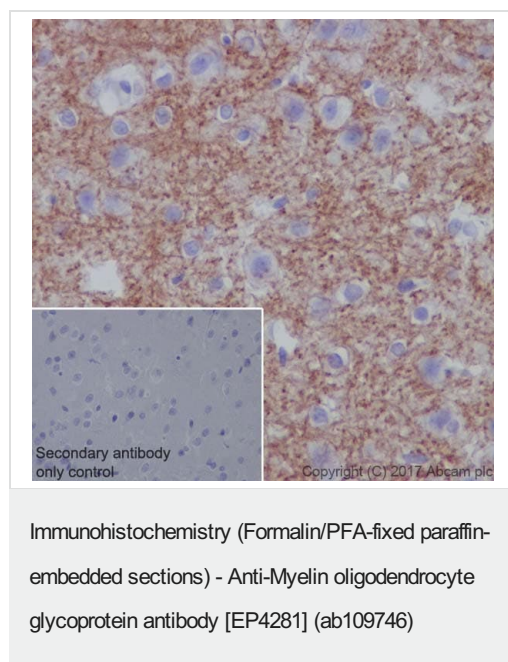
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab109746の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 28 kDa.
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See IHC antigen retrieval protocols .

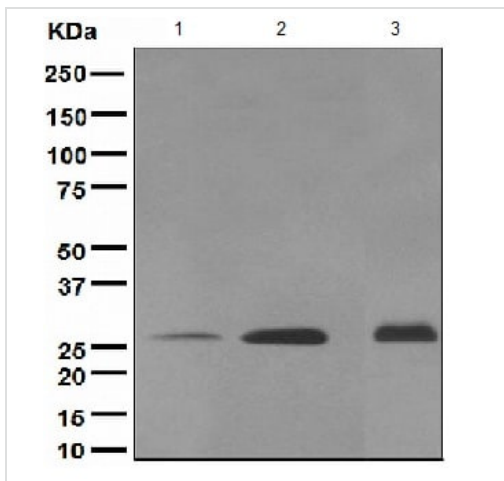
ターゲット情報

機能	Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.
組織特異性	Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes.
配列類似性	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
細胞内局在	Cell membrane.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat cerebrum tissue sections labeling Myelin oligodendrocyte glycoprotein with purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use). PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

All lanes : Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746) at 1/1000 dilution

Lane 1 : Mouse brain lysate

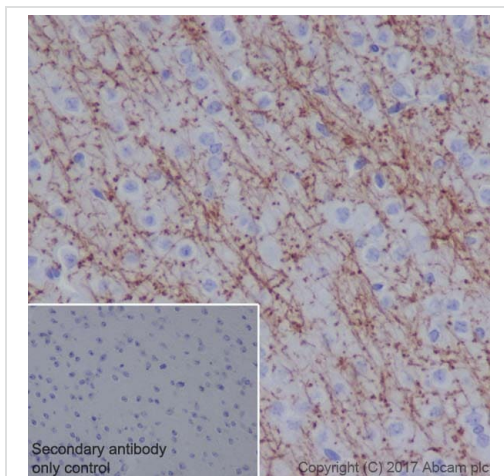
Lane 2 : Rat brain lysate

Lane 3 : Human brain lysate

Lysates/proteins at 10 µg per lane.

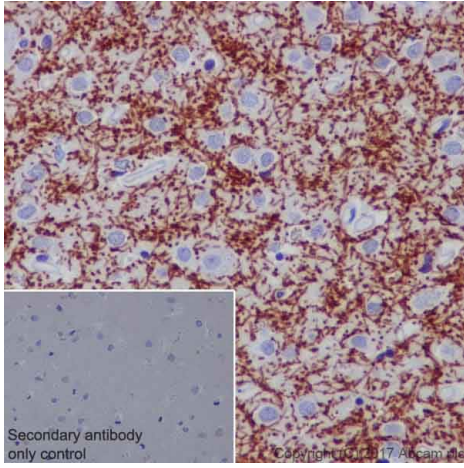
Predicted band size: 28 kDa

This image was produced using unpurified antibody.



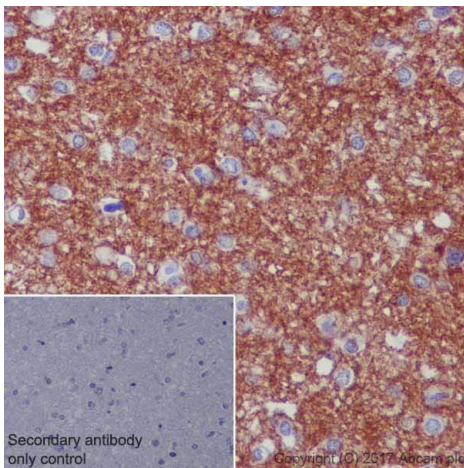
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse cerebrum tissue sections labeling Myelin oligodendrocyte glycoprotein with Purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



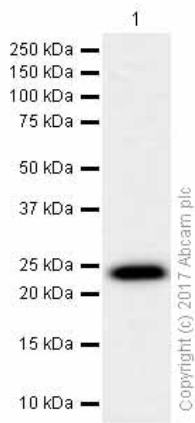
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cerebrum tissue sections labeling Myelin oligodendrocyte glycoprotein with purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use). PBS instead of the primary antibody was used as the negative control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human astrocytoma tissue sections labeling Myelin oligodendrocyte glycoprotein with purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use). PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

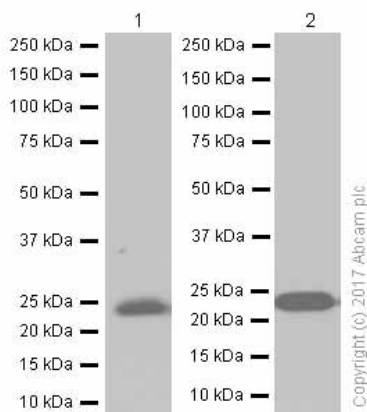
Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746) at 1/2000 dilution (Purified) + Mouse brain lysates at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 28 kDa

Observed band size: 28 kDa



Western blot - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

All lanes : Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746) at 1/2000 dilution

Lane 1 : Human brain lysates

Lane 2 : Rat brain lysates

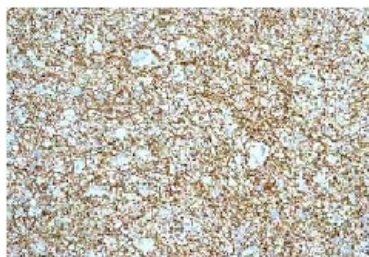
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 28 kDa

Observed band size: 28 kDa



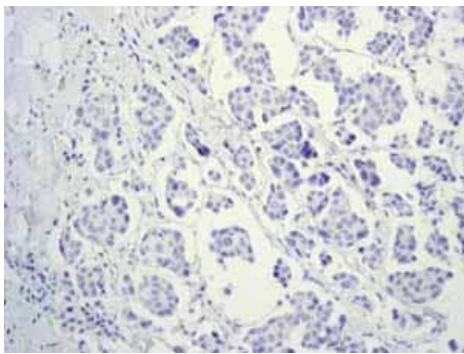
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746, at 1/1000 dilution, staining Myelin oligodendrocyte glycoprotein in paraffin-embedded Human astrocytoma tissue by Immunohistochemistry. This image was produced using unpurified antibody.



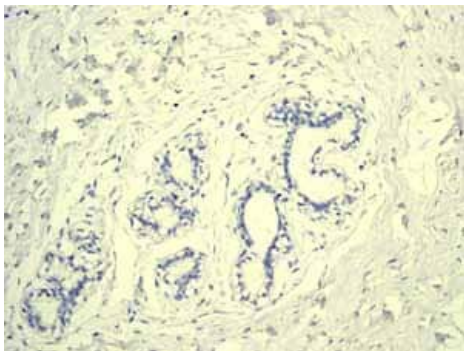
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746, at 1/1000 dilution, staining Myelin oligodendrocyte glycoprotein in paraffin-embedded Human brain tissue by Immunohistochemistry. This image was produced using unpurified antibody.



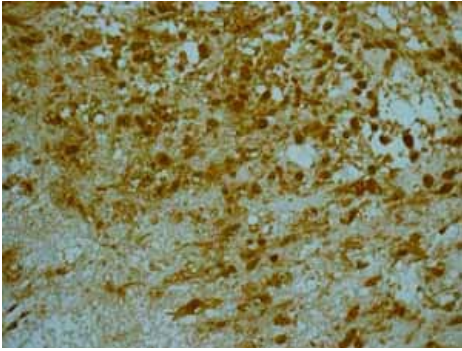
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746 showing negative staining in Breast carcinoma tissue. This image was produced using unpurified antibody.



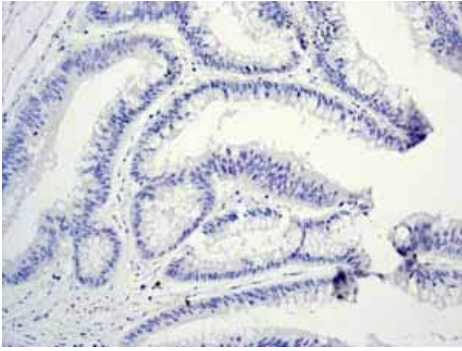
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746 showing negative staining in Normal breast tissue. This image was produced using unpurified antibody.



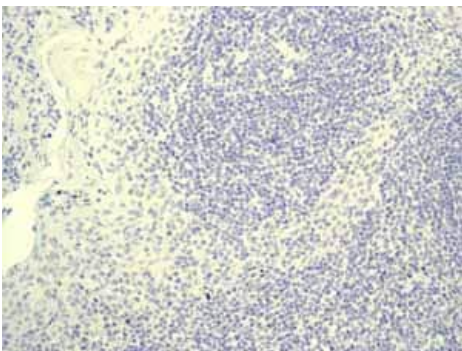
ab109746 showing positive staining in Glioblastoma tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



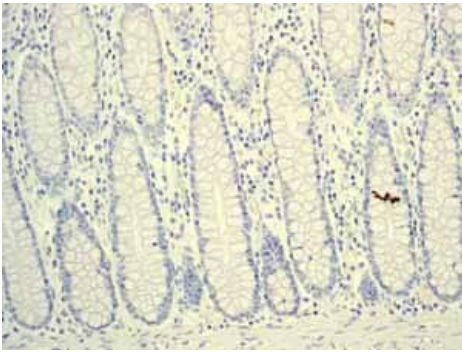
ab109746 showing negative staining in Colonic adenocarcinoma tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



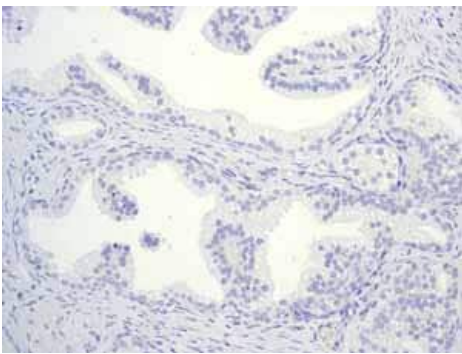
ab109746 showing negative staining in Normal tonsil tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



ab109746 showing negative staining in Normal colon tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



ab109746 showing negative staining in Benign prostatic hyperplasia tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Myelin oligodendrocyte glycoprotein antibody
[EP4281] (ab109746)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors