

Anti-TYRO3 antibody [EPR4308] ab109231

リコンビナント **RabMAb**

11 References **画像数 8**

製品の概要

製品名	Anti-TYRO3 antibody [EPR4308]
製品の詳細	Rabbit monoclonal [EPR4308] to TYRO3
由来種	Rabbit
特異性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
アプリケーション	適用あり: WB, IP, IHC-P 適用なし: Flow Cyt
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	WB: Fetal brain, fetal hippocampus, MCF7, Rat hippocampus, Rat brain, Human fetal brain, and Mouse hippocampus lysates IP: SH-SY5Y whole cell lysate IHC-P: Human brain tissue, Human colon carcinoma and Human ovarian carcinoma
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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 0.05% BSA, 40% Glycerol</p>

精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4308
アイソタイプ	IgG

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ab109231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。

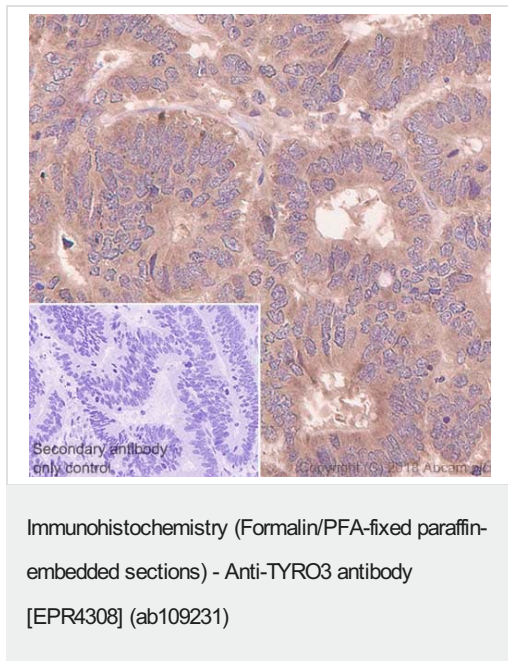
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 97 kDa.
IP		1/200. For unpurified use at 1/10 - 1/100.
IHC-P		1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For unpurified use at 1/100 - 1/250. Heat up to 98 °C, below boiling, and then let cool for 10-20 minutes. The mouse and rat recommendation is based on the WB results.

追加情報 Is unsuitable for Flow Cyt.

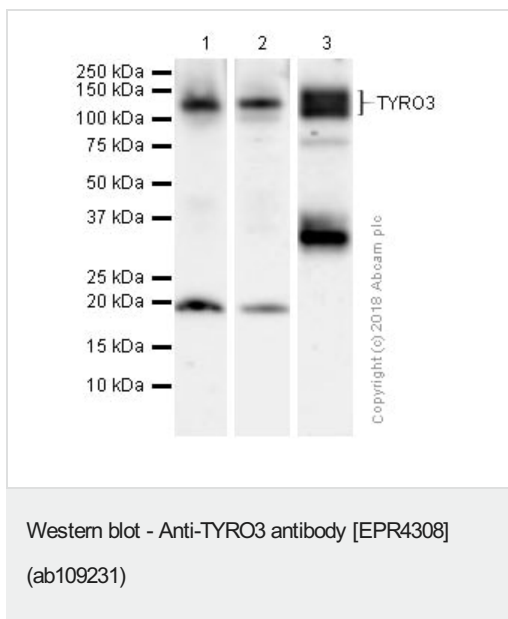
ターゲット情報

機能	May be involved in cell adhesion processes, particularly in the central nervous system. In case of filovirus infection, seems to function as a cell entry factor.
組織特異性	Abundant in the brain and lower levels in other tissues.
配列類似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily. Contains 2 fibronectin type-III domains. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
細胞内局在	Cell membrane.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon carcinoma tissue sections labeling TYRO3 with purified ab109231 at 1:500 dilution (7.44 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



All lanes : Anti-TYRO3 antibody [EPR4308] (ab109231) at 1/1000 dilution (Purified)

Lane 1 : Rat hippocampus lysates at 20 µg

Lane 2 : Rat brain lysates at 20 µg

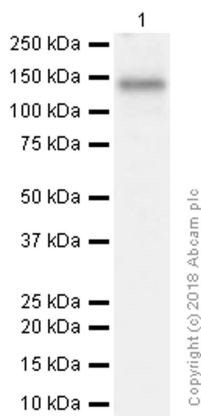
Lane 3 : Human fetal brain lysates at 15 µg

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 97 kDa

Observed band size: 120 kDa



Western blot - Anti-TYRO3 antibody [EPR4308]
(ab109231)

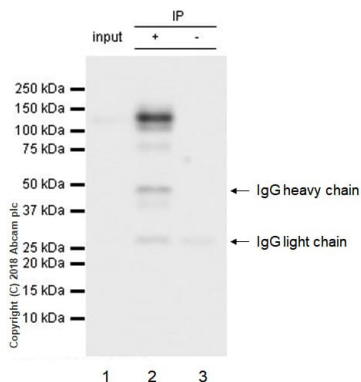
Anti-TYRO3 antibody [EPR4308] (ab109231) at 1/1000 dilution
(Purified) + Mouse hippocampus lysates at 15 µg

Secondary

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

Predicted band size: 97 kDa

Observed band size: 120 kDa



Immunoprecipitation - Anti-TYRO3 antibody
[EPR4308] (ab109231)

ab109231 (purified) at 1:200 dilution (2µg) immunoprecipitating
TYRO3 in SH-SY5Y whole cell lysate.

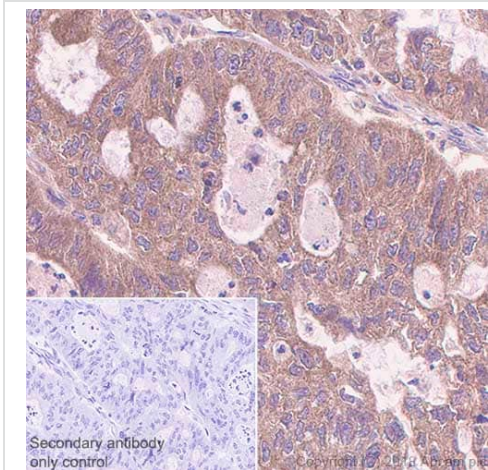
Lane 1 (input): SH-SY5Y (Human neuroblastoma epithelial cell)
whole cell lysate 10µg

Lane 2 (+): ab109231 & SH-SY5Y whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of
ab109231 in SH-SY5Y whole cell lysate

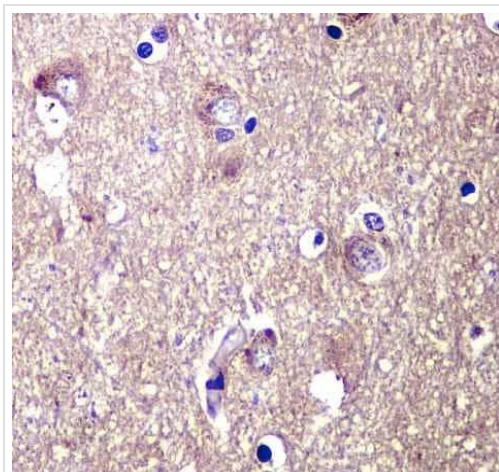
For western blotting, VeriBlot for IP Detection Reagent (HRP)
([ab131366](#)) was used for detection at 1:2000 dilution.

Blocking and diluting buffer: 5% NFDM/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TYRO3 antibody
[EPR4308] (ab109231)

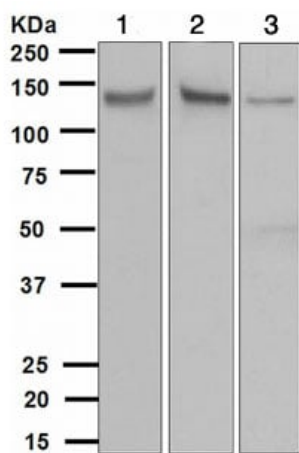
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human ovarian carcinoma tissue sections labeling TYRO3 with purified ab109231 at 1:500 dilution (7.44 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TYRO3 antibody
[EPR4308] (ab109231)

Immunohistochemical analysis of TYRO3 in paraffin embedded Human brain tissue, using ab109231 at a 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-TYRO3 antibody [EPR4308] (ab109231)

All lanes : Anti-TYRO3 antibody [EPR4308] (ab109231) at 1/1000 dilution

Lane 1 : fetal brain lysates

Lane 2 : fetal hippocampus lysates

Lane 3 : MCF7 cell lysates

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 97 kDa

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-TYRO3 antibody [EPR4308] (ab109231)

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