

Anti-Sez6 antibody [14E5] ab252863

リコンビナント

3 References [画像数 6](#)

製品の概要

製品名	Anti-Sez6 antibody [14E5]
製品の詳細	Rat monoclonal [14E5] to Sez6
由来種	Rat
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Rat
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: Mouse and rat brain lysate. IHC-P: Mouse and rat cerebrum and hippocampus tissue.
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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>

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 long term. Avoid freeze / thaw cycle.
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 (glycerin, glycerine)</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	14E5
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

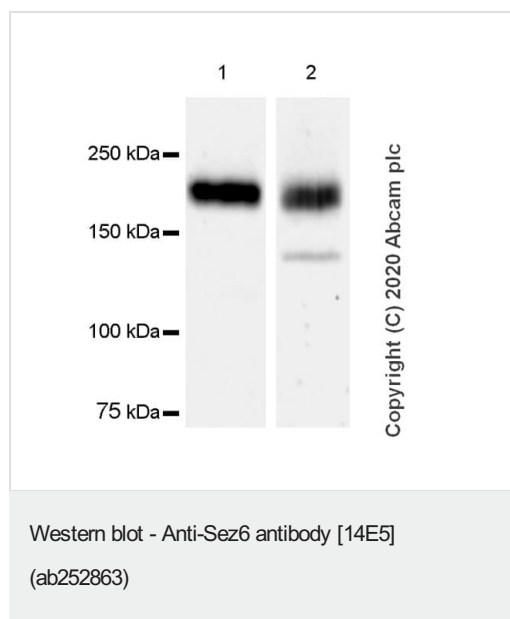
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab252863の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Predicted molecular weight: 107 kDa.
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ターゲット情報

機能	May play a role in cell-cell recognition and in neuronal membrane signaling. Seems to be important for the achievement of the necessary balance between dendrite elongation and branching during the elaboration of a complex dendritic arbor. Involved in the development of appropriate excitatory synaptic connectivity.
配列類似性	Belongs to the SEZ6 family. Contains 2 CUB domains. Contains 5 Sushi (CCP/SCR) domains.
翻訳後修飾	Glycosylated.
細胞内局在	Cell membrane. Localized on dendrites and in the synaptic and postsynaptic fraction.

画像



All lanes : Anti-Sez6 antibody [14E5] (ab252863) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate

Lane 2 : Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rat IgG (H+L), HRP) ([ab205720](#)) at 1/10000 dilution

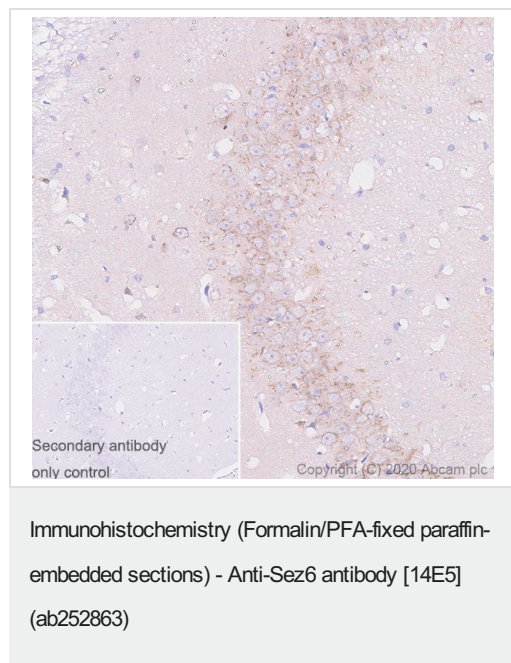
Predicted band size: 107 kDa

Observed band size: 170 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The molecular weight observed was in consistent with the literature (PMID: 27716410).

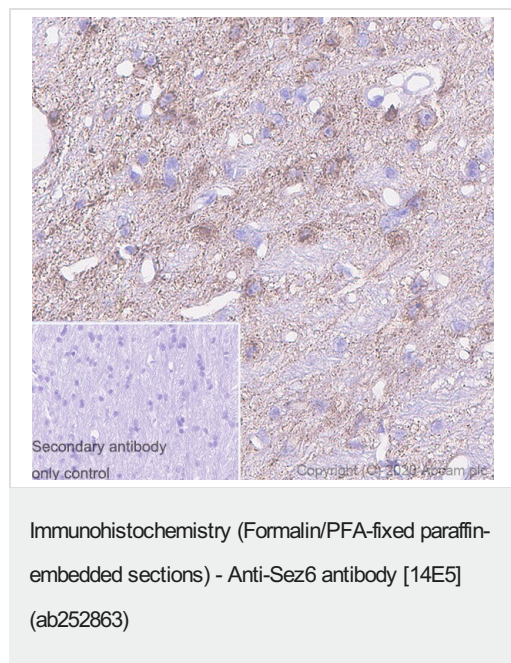
Exposure time: 180 seconds.



Immunohistochemical analysis of paraffin-embedded rat hippocampus tissue labeling Sez6 with ab252863 at 1/500 dilution followed by a ready to use Goat Anti-rat IgG H&L (HRP polymer) (**ab214882**). Positive staining on the rat hippocampus. The section was incubated with ab252863 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-rat IgG H&L (HRP polymer) (**ab214882**).

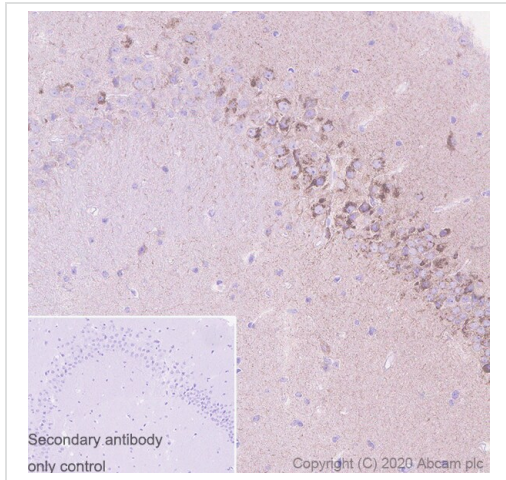
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunohistochemical analysis of paraffin-embedded rat cerebrum tissue labeling Sez6 with ab252863 at 1/500 dilution followed by a ready to use Goat Anti-rat IgG H&L (HRP polymer) (**ab214882**). Positive staining on the rat cerebrum. The section was incubated with ab252863 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-rat IgG H&L (HRP polymer) (**ab214882**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

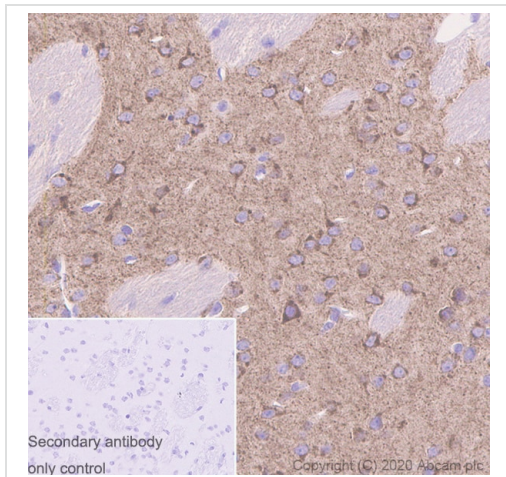


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sez6 antibody [14E5] (ab252863)

Immunohistochemical analysis of paraffin-embedded mouse hippocampus tissue labeling Sez6 with ab252863 at 1/500 dilution followed by a ready to use Goat Anti-rat IgG H&L (HRP polymer) ([ab214882](#)). Positive staining on the mouse hippocampus. The section was incubated with ab252863 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-rat IgG H&L (HRP polymer) ([ab214882](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sez6 antibody [14E5] (ab252863)

Immunohistochemical analysis of paraffin-embedded mouse cerebrum tissue labeling Sez6 with ab252863 at 1/500 dilution followed by a ready to use Goat Anti-rat IgG H&L (HRP polymer) ([ab214882](#)). Positive staining on the mouse cerebrum. The section was incubated with ab252863 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-rat IgG H&L (HRP polymer) ([ab214882](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

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-Sez6 antibody [14E5] (ab252863)

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