abcam

Product datasheet

Anti-GRID2 antibody [EPR15423(B)] ab190358

Recombinant RabMAb

1 References 3 Images

Overview

Product name	Anti-GRID2 antibody [EPR15423(B)]
Description	Rabbit monoclonal [EPR15423(B)] to GRID2
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human cerebellum, rat and mouse brain lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15423(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab190358 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 113 kDa.

Target

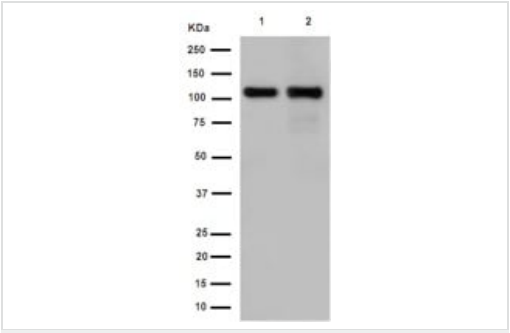
Function Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists.

Sequence similarities Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRID2 subfamily.

Domain The PDZ-binding motif mediates interaction with GOPC.

Cellular localization Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

Images



Western blot - Anti-GRID2 antibody [EPR15423(B)] (ab190358)

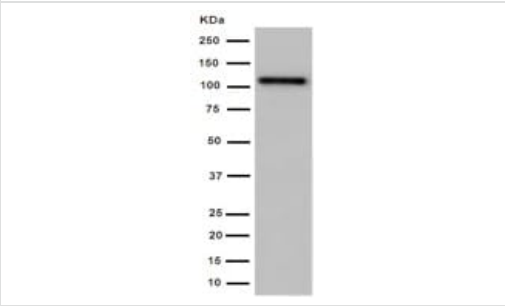
All lanes : Anti-GRID2 antibody [EPR15423(B)] (ab190358) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate
Lane 2 : Rat brain tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 113 kDa



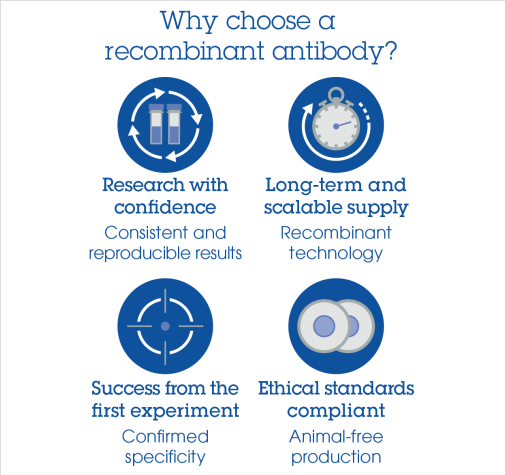
Western blot - Anti-GRID2 antibody [EPR15423(B)] (ab190358)

Anti-GRID2 antibody [EPR15423(B)] (ab190358) at 1/10000 dilution + Human cerebellum at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 113 kDa



Anti-GRID2 antibody [EPR15423(B)] (ab190358)

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