

Anti-Neurologin 1 + Neurologin 4 antibody [EPR13108] ab181251

Recombinant RabMAb

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Overview

Product name	Anti-Neurologin 1 + Neurologin 4 antibody [EPR13108]
Description	Rabbit monoclonal [EPR13108] to Neurologin 1 + Neurologin 4
Host species	Rabbit
Specificity	The immunogen of this antibody shows 92% sequence homology with the human Neurologin-1 (UniProt ID Q8N2Q7) and 77% with human Neurologin-2 (UniProt ID Q8NFZ4) and Neurologin-3 (UniProt ID Q9NZ94)
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain, HeLa and A549 lysates.
General notes	<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>

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	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number

EPR13108

Isotype

IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab181251 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

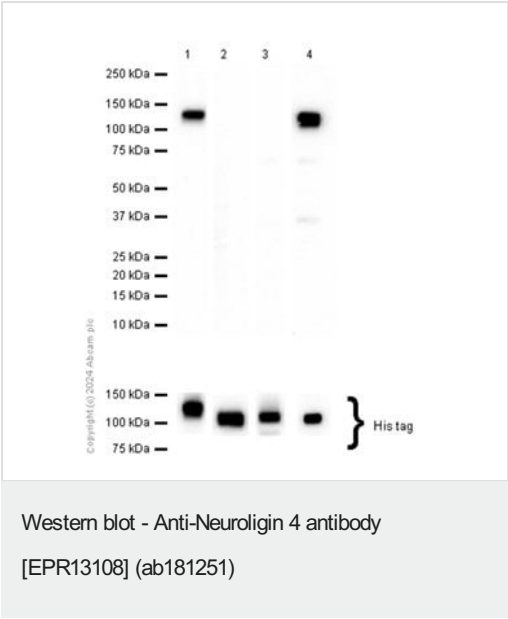
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 92 kDa (predicted molecular weight: 92 kDa).

Target

Cellular localization

Neurologin 1: Cell membrane. Cell junction > synapse. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Enriched in synaptic plasma membranes and clustered in synaptic clefts and postsynaptic densities. Neurologin 4: Cell membrane. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density.

Images



All lanes : Anti-Neurologin 1 + Neurologin 4 antibody [EPR13108] (ab181251) at 1/1000 dilution

Lane 1 : His-tagged human recombinant Neurologin 1 protein, 10ng

Lane 2 : His-tagged human recombinant Neurologin 2 protein, 10ng

Lane 3 : His-tagged human recombinant Neurologin 3 protein, 10ng

Lane 4 : His-tagged human recombinant Neurologin 4 protein, 10ng

Secondary

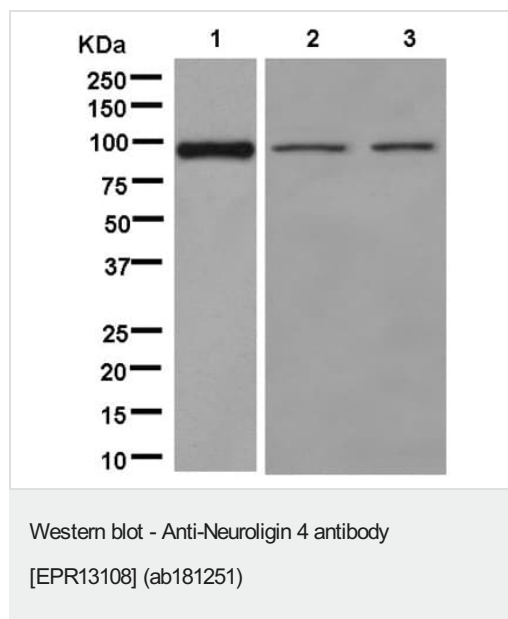
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 92 kDa

Observed band size: 120 kDa

Exposure time: 5 seconds

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



All lanes : Anti-Neurologin 1 + Neurologin 4 antibody [EPR13108] (ab181251) at 1/2000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : Hela lysate

Lane 3 : A549 lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 92 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-Neurologin 4 antibody [EPR13108] (ab181251)

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

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