

Anti-GARNL1 antibody [EPR13592] ab182148

Recombinant RabMAb

4 Images

Overview

Product name	Anti-GARNL1 antibody [EPR13592]
Description	Rabbit monoclonal [EPR13592] to GARNL1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	293 and HeLa whole cell lysate (ab150035); 293 cells.
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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13592
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab182148 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 280 kDa (predicted molecular weight: 230 kDa).
ICC/IF		1/100.

Target

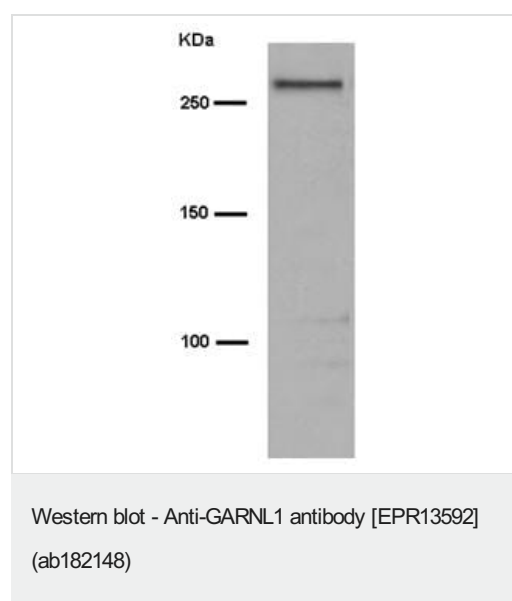
Relevance

GTPase activating Rap/RanGAP domain-like 1 (GARNL1) is an interacting partner of the transcription factor TCF3/isoform E12, mainly in the developing embryonic forebrain. It may be an important transcriptional regulator of downstream target genes under the control of TCF3/E12, by disrupting HLH dimer formation of TCF3/E12 with other proteins and may be involved in neuronal differentiation.

Cellular localization

Cytoplasmic and Nuclear. Translocated to the nucleus when associated with TCF3/E12

Images

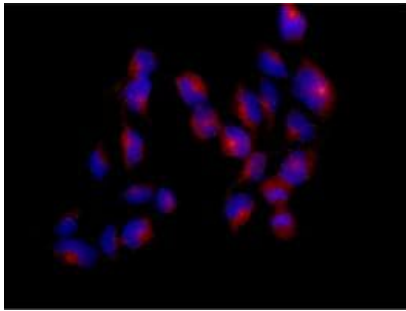


Anti-GARNL1 antibody [EPR13592] (ab182148) at 1/10000 dilution
+ HeLa cell lysate at 10 µg

Secondary

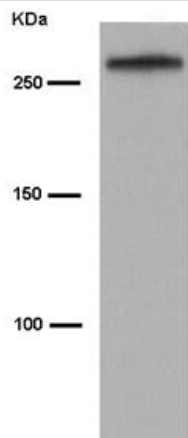
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 230 kDa



Immunocytochemistry/ Immunofluorescence - Anti-GARNL1 antibody [EPR13592] (ab182148)

Immunofluorescent analysis of 293 cells (paraformaldehyde-fixed, 4%) labeling GARNL1 with ab182148 at 1/100 dilution followed by Goat anti rabbit IgG (Alexa Fluor® 555) secondary at 1/200 dilution and counterstained with DAPI.



Western blot - Anti-GARNL1 antibody [EPR13592] (ab182148)

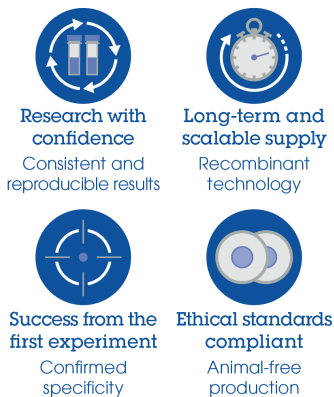
Anti-GARNL1 antibody [EPR13592] (ab182148) at 1/10000 dilution + 293 cell lysate at 20 µg

Secondary

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

Predicted band size: 230 kDa

Why choose a recombinant antibody?



Anti-GARNL1 antibody [EPR13592] (ab182148)

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

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