

Product datasheet

Anti-GRIP1 antibody ab122514

[1 References](#) [1 Image](#)

Overview

Product name	Anti-GRIP1 antibody
Description	Rabbit polyclonal to GRIP1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 807-873 of Human GRIP1 (Q9Y3R0)
Positive control	Human pancreas tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

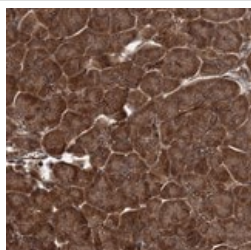
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab122514 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Use buffer at pH 6 for antigen retrieval.

Target

Function	May play a role as a localized scaffold for the assembly of a multiprotein signaling complex and as mediator of the trafficking of its binding partners at specific subcellular location in neurons.
Sequence similarities	Contains 7 PDZ (DHR) domains.
Domain	PDZ 6 mediates interaction with the PDZ recognition motif of EFN1 and EPHB2 and with the C-terminus of PPF1A1 and PPF1A4. PDZ 4 and PDZ 5 mediate interaction with the C-terminus of GRIA2 and GRIA3. PDZ 4, PDZ 5 and PDZ 6 mediate homomultimers. PDZ 7 mediates interaction with PDZ domain of GRASP1. PDZ 7 domain binds CSPG4. PDZ 6 mediates interaction with the C-terminus of liprin-alpha. PDZ 1, PDZ 2 and PDZ 3 mediate interaction with the PDZ-binding motif of FRAS1 (By similarity). PDZ 4 and PDZ 5 mediate interaction with PRLHR.
Cellular localization	Cytoplasmic vesicle. Endoplasmic reticulum. Cell junction > synapse > postsynaptic cell membrane. Cytoplasmic and membrane-associated with vesicles, peri-Golgi complexes and endoplasmic reticulum. Enriched in post-synaptic plasma membrane and post-synaptic densities.

Images



ab122514 at 1/75 dilution staining GRIP1 in Paraffin-embedded Human Pancreas tissue by Immunohistochemistry.
Note: strong cytoplasmic positivity in exocrine pancreas.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GRIP1 antibody (ab122514)

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

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