

Product datasheet

Anti-PRR16 antibody - C-terminal ab170458

[2 Images](#)

Overview

Product name	Anti-PRR16 antibody - C-terminal
Description	Rabbit polyclonal to PRR16 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human PRR16 aa 189-218 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: Q569H4
Positive control	Recombinant Human PRR16 protein (ab162514) can be used as a positive control in WB. U251 cell lysate, Human brain tissue.

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. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Purification notes	ab170458 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab170458** 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
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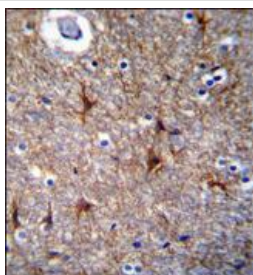
Application	Abreviews	Notes
IHC-P		1/10 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/100 - 1/500. Predicted molecular weight: 33 kDa.

Target

Function

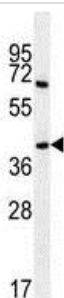
Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration.

Images



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human brain tissue, labeling PRR16 using ab170458 at a 1/10 dilution, followed by peroxidase conjugation of the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRR16 antibody - C-terminal (ab170458)



Anti-PRR16 antibody - C-terminal (ab170458) at 1/100 dilution + U251 cell lysate at 35 µg

Predicted band size: 33 kDa

Western blot - Anti-PRR16 antibody - C-terminal (ab170458)

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