

PRR16 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11498b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q569H4
Other Accession	A3KMN5 , NP_057728.1
Reactivity	Human
Predicted	Mouse, Rat, Rabbit, Chicken, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29340
Calculated MW	32812
Antigen Region	182-210

Additional Information

Gene ID	51334
Other Names	Protein Largen, Mesenchymal stem cell protein DSC54, Proline-rich protein 16, PRR16
Target/Specificity	This PRR16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 182-210 amino acids from the C-terminal region of human PRR16.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PRR16 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

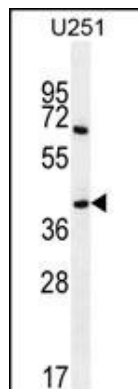
Name	PRR16
Function	Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of

specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration.

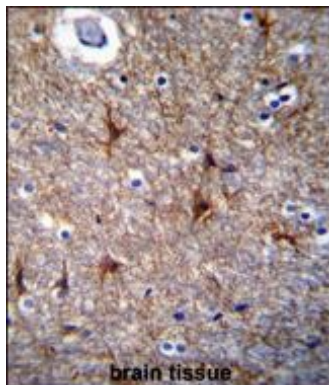
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Barberi, T., et al. PLoS Med. 2 (6), E161 (2005) :

Images



PRR16 Antibody (C-term) (Cat. #AP11498b) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the PRR16 antibody detected the PRR16 protein (arrow).



PRR16 Antibody (C-term) (Cat. #AP11498b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PRR16 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.