

Mouse PRR7 Monoclonal Antibody | anti-PRR7 antibody

Anti-PRR7 Purified

CATALOG # AAA128989	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

PRR7; Monoclonal Antibody; Anti-PRR7 Purified; proline rich 7; synaptic; TRAP3; anti-PRR7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	TRAP3/10
Specificity	The mouse monoclonal antibody TRAP3/10 recognizes an epitope located in the C-terminal part of the intracellular domain of PRR7/TRAP3 (amino acids 126-253 of human PRR7 / TRAP3), a 28 kDa proline-rich membrane protein presumably associated with NMDA receptor complex.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	274
Applicable Applications for anti-PRR7 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant C-terminal half of the intracellular domain of human PRR7/TRAP3 (amino acids 126-253)
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-PRR7 antibody	PRR7/TRAP3 (proline-rich 7, transmembrane adaptor protein 3) is a 28 kDa transmembrane adaptor protein ubiquitously expressed at low level (most in brain). Its amino acid sequence is extremely conserved among mammalian and other species. PRR7/TRAP3 contains potential palmitoylation motif and is found in lipid rafts. It is a part of the complex postsynaptic density fraction in neurons and associates with PSD-95, NMDA receptor and probably other proteins. The intracellular domain of PRR7/TRAP3 contains several tyrosines, a proline-rich sequence, and a C-terminal PDZ-binding motif. So far nothing is known about function of this protein. It may be involved in regulation of some receptor signaling and in formation of neurologic and immunologic synapse.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291575154
NCBI GeneID	80758
NCBI Accession #	NP_001167572.1
NCBI GenBank Nucleotide #	NP_001167572.1

UniProt Accession #	Q8TB68
NCBI Official Full Name	proline-rich protein 7
NCBI Official Synonym Full Names	proline rich 7, synaptic
NCBI Official Symbol	PRR7
NCBI Protein Information	proline-rich protein 7
UniProt Protein Name	Proline-rich protein 7
UniProt Gene Name	PRR7
UniProt Entry Name	PRR7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prr7-antibody-clone-trap3-10-immunocytochemistry-western-blot-elisa/128989>