

PRRT1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11241c**Specification**

PRRT1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q99946](#)
Other Accession [NP_085154.3](#)

PRRT1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 80863

Other Names

Proline-rich transmembrane protein 1, Dispanin subfamily D member 1, DSPD1, PRRT1, C6orf31, NG5

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PRRT1 Antibody (Center) Blocking peptide - Protein Information

Name PRRT1 ([HGNC:13943](#))

Function

Required to maintain a pool of extrasynaptic AMPA-regulated glutamate receptors (AMPA) which is necessary for synapse development and function. Regulates basal AMPAR function and synaptic transmission during development but is dispensable at mature hippocampal synapses. Plays a role in regulating basal phosphorylation levels of glutamate receptor GRIA1 and promotes GRIA1 and GRIA2 cell surface expression.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q6MG82}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:Q6MG82} Synapse {ECO:0000250|UniProtKB:Q6MG82}

PRRT1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PRRT1 Antibody (Center) Blocking peptide - Images**PRRT1 Antibody (Center) Blocking peptide - References**

Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :McKinnon, E., et al. Diabetes Obes Metab 11 SUPPL 1, 92-100 (2009) :Vignal, C., et al. Arthritis Rheum. 60(1):53-62(2009)Xie, T., et al. Genome Res. 13(12):2621-2636(2003)