

PRRT1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57520**Specification****PRRT1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q99946
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31430

PRRT1 Polyclonal Antibody - Additional Information**Gene ID** 80863**Other Names**

Proline-rich transmembrane protein 1, Dispanin subfamily D member 1, DSPD1, Synapse differentiation-induced protein 4, PRRT1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=13943)
target="_blank">HGNC:13943)

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PRRT1 Polyclonal Antibody - 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 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRRT1 Polyclonal Antibody - Images