

PRRT1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57520

Product Information

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

Additional Information

Gene ID	80863
Other Names	Proline-rich transmembrane protein 1, Dispanin subfamily D member 1, DSPD1, Synapse differentiation-induced protein 4, PRRT1 (HGNC:13943)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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}

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