

Synaptojanin 2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54475

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O15056
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	165538

Additional Information

Gene ID	8871
Other Names	Synaptojanin-2, 3.1.3.36, Synaptic inositol 1, 4, 5-trisphosphate 5-phosphatase 2, SYNJ2, KIAA0348
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	SYNJ2
Synonyms	KIAA0348
Function	Inositol 5-phosphatase which may be involved in distinct membrane trafficking and signal transduction pathways. May mediate the inhibitory effect of Rac1 on endocytosis.
Cellular Location	Cytoplasm. Cell membrane. Membrane raft. Presynapse {ECO:0000250 UniProtKB:O55207}. Cytoplasm, cytoskeleton {ECO:0000250 UniProtKB:O55207}. Note=Localizes at presynapse terminals in brain and at bundles of microtubules surrounding the nucleus in the elongating spermatids corresponding to the manchette (By similarity) Translocates from the cytoplasm to membrane ruffles in a RAC1-dependent manner (PubMed:11084340).

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