10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RAB6B Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58959

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9NRW1
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23462

Additional Information

Gene ID	51560
Other Names	Ras-related protein Rab-6B, RAB6B
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=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	RAB6B (HGNC:14902)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between active GTP-bound and inactive GDP-bound states. In their active state, drive transport of vesicular carriers from donor organelles to acceptor organelles to regulate the membrane traffic that maintains organelle identity and morphology (By similarity). Recruits VPS13B to the Golgi membrane (PubMed:25492866). Regulates the compacted morphology of the Golgi (PubMed:26209634). Seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells (PubMed:17707369). Plays a role in neuron projection development (PubMed:25492866).
Cellular Location	Golgi apparatus membrane; Lipid-anchor. Endoplasmic reticulum-Golgi intermediate compartment Cytoplasmic vesicle. Note=Colocalizes with BICD1 at vesicular structures that align along microtubules
Tissue Location	Predominantly expressed in brain.

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