

RABX5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58548

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9UJ41
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56891

Additional Information

Gene ID	27342
Other Names	Rab5 GDP/GTP exchange factor, RAP1, Rabaptin-5-associated exchange factor for Rab5, Rabex-5, RABGEF1, RABEX5
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	RABGEF1 (HGNC:17676)
Synonyms	RABEX5
Function	Acts as a guanine-nucleotide releasing factor (GEF) for RAB5A by promoting the conversion of inactive RAB-GDP to the active form RAB- GTP (PubMed: 15339665 , PubMed: 9323142). Forms a complex with RABEP1 that acts as Rab4/Rab5 effector regulating endosome fusion. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes (PubMed: 11452015 , PubMed: 9323142). Also functions as a ubiquitin ligase (By similarity).
Cellular Location	Cytoplasm. Early endosome. Recycling endosome

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