

Anti-Rabaptin- alpha antibody



Description	Rabbit polyclonal to Rabaptin-5alpha.
Model	STJ95312
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human Rabaptin-5alpha
Immunogen Region	520-600 aa, Internal
Gene ID	9135
Gene Symbol	RABEP1
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	Rabaptin-5alpha Polyclonal Antibody detects endogenous levels of Rabaptin-5alpha protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Rab GTPase-binding effector protein 1 Rabaptin-4 Rabaptin-5 Rabaptin-5alpha Renal carcinoma antigen NY-REN-17
Molecular Weight	99.29 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17677OMIM:603616
Alternative Names	Rab GTPase-binding effector protein 1 Rabaptin-4 Rabaptin-5 Rabaptin-5alpha Renal carcinoma antigen NY-REN-17
Function	Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Involved in KCNH1 channels trafficking to and from the cell membrane . Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.
Cellular Localization	Cytoplasm. Early endosome. Recycling endosome. Cytoplasmic vesicle.
Post-translational Modifications	Proteolytic cleavage by caspases in apoptotic cells causes loss of endosome fusion activity.

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