



RFIP5 Polyclonal Antibody

Catalog No	YP-Ab-06004
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	RAB11FIP5 GAF1 KIAA0857 RIP11
Immunogen	Synthesized peptide derived from human protein . at AA range: 570-650
Specificity	RFIP5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GAF1;Gaf-1;Gamma-SNAP-associated factor 1;Rab11 family-interacting protein 5;Rab11-interacting protein Rip11;RFIP5;RAB11FIP5 GAF1 KIAA0857 RIP11; Rab11 family-interacting protein 5 (Rab11-FIP5) (Gamma-SNAP-associated factor 1) (Gaf-1) (Phosphoprotein pp75) (Rab11-interacting protein Rip11)
Observed Band	70 kDa
Calculated Molecular Weight	70 kDa
Cell Pathway	Cytoplasm. Recycling endosome membrane; Peripheral membrane protein. Early endosome membrane ; Peripheral membrane protein . Golgi apparatus membrane ; Peripheral membrane protein . Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein . Mitochondrion membrane; Peripheral membrane protein.
Tissue Specificity	Detected at low levels in heart, brain, placenta, lung, liver, adipocytes, kidney, spleen, skeletal muscle and pancreas.
Function	disease:Antibodies against RIP11 are found in sera from patients with systemic lupus erythematosus (SLE) or Sjogren syndrome (SS), and in the sera from mothers of children with neonatal lupus erythematosus (NLE).,domain:Binds to vesicles enriched in neutral phospholipids via its C2 domain. The interaction is favored by Mg(2+) rather than Ca(2+).,function:Rab effector involved in protein



trafficking from apical recycling endosomes to the apical plasma membrane.,
PTM:Phosphorylated on serine and threonine residues.,similarity:Contains 1 C2
domain.,subunit:Forms an heterooligomeric complex with RAB11FIP4. Binds
NAPG and SSA2. Binds RAB11A that has been activated by GTP binding.,
tissue specificity:Detected at low levels in heart, brain, placenta, lung, liver,
adipocytes, kidney, spleen, skeletal muscle and pancreas.,

Background

disease:Antibodies against RIP11 are found in sera from patients with systemic
lupus erythematosus (SLE) or Sjogren syndrome (SS), and in the sera from
mothers of children with neonatal lupus erythematosus (NLE).,domain:Binds to
vesicles enriched in neutral phospholipids via its C2 domain. The interaction is
favored by Mg(2+) rather than Ca(2+).,function:Rab effector involved in protein
trafficking from apical recycling endosomes to the apical plasma membrane.,
PTM:Phosphorylated on serine and threonine residues.,similarity:Contains 1 C2
domain.,subunit:Forms an heterooligomeric complex with RAB11FIP4. Binds
NAPG and SSA2. Binds RAB11A that has been activated by GTP binding.,
tissue specificity:Detected at low levels in heart, brain, placenta, lung, liver,
adipocytes, kidney, spleen, skeletal muscle and pancreas.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For
more information, please consult technical personnel.

Products Images