

Anti-Rabenosyn 5 Antibody

Rabbit polyclonal antibody to Rabenosyn 5
Catalog # AP60654

Product Information

Application	WB
Primary Accession	Q9H1K0
Other Accession	Q80Y56
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88870

Additional Information

Gene ID	64145
Other Names	Rabenosyn-5; 110 kDa protein; FYVE finger-containing Rab5 effector protein rabenosyn-5; Zinc finger FYVE domain-containing protein 20
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Rabenosyn 5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

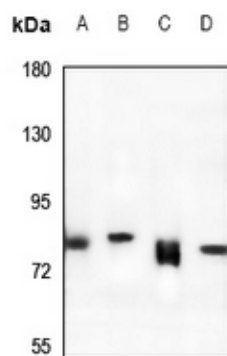
Protein Information

Name	RBSN (HGNC:20759)
Function	Rab4/Rab5 effector protein acting in early endocytic membrane fusion and membrane trafficking of recycling endosomes. Required for endosome fusion either homotypically or with clathrin coated vesicles. Plays a role in the lysosomal trafficking of CTSD/cathepsin D from the Golgi to lysosomes. Also promotes the recycling of transferrin directly from early endosomes to the plasma membrane. Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate (PtdInsP3) (PubMed: 11062261 , PubMed: 11788822 , PubMed: 15020713). Plays a role in the recycling of transferrin receptor to the plasma membrane (PubMed: 22308388).
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side. Early endosome membrane; Lipid-anchor. Note=Enriched in endosomes that are in close proximity to clathrin-enriched regions at the cell surface.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Rabenosyn 5. The exact sequence is proprietary.

Images



Western blot analysis of Rabenosyn 5 expression in A549 (A), HeLa (B), BV2 (C), PMVEC (D) whole cell lysates.

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