

Rabenosyn-5 Polyclonal Antibody
Catalog # AP72132**Specification****Rabenosyn-5 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q9H1K0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Rabenosyn-5 Polyclonal Antibody - Additional Information**Gene ID** 64145**Other Names**

ZFYVE20; Rabenosyn-5; 110 kDa protein; FYVE finger-containing Rab5 effector protein rabenosyn-5; Zinc finger FYVE domain-containing protein 20

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Rabenosyn-5 Polyclonal Antibody - 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](http://www.uniprot.org/citations/11062261), PubMed: [11788822](http://www.uniprot.org/citations/11788822), PubMed: [15020713](http://www.uniprot.org/citations/15020713)). Plays a role in the recycling of transferrin receptor to the plasma membrane (PubMed: [22308388](http://www.uniprot.org/citations/22308388)).

Cellular Location

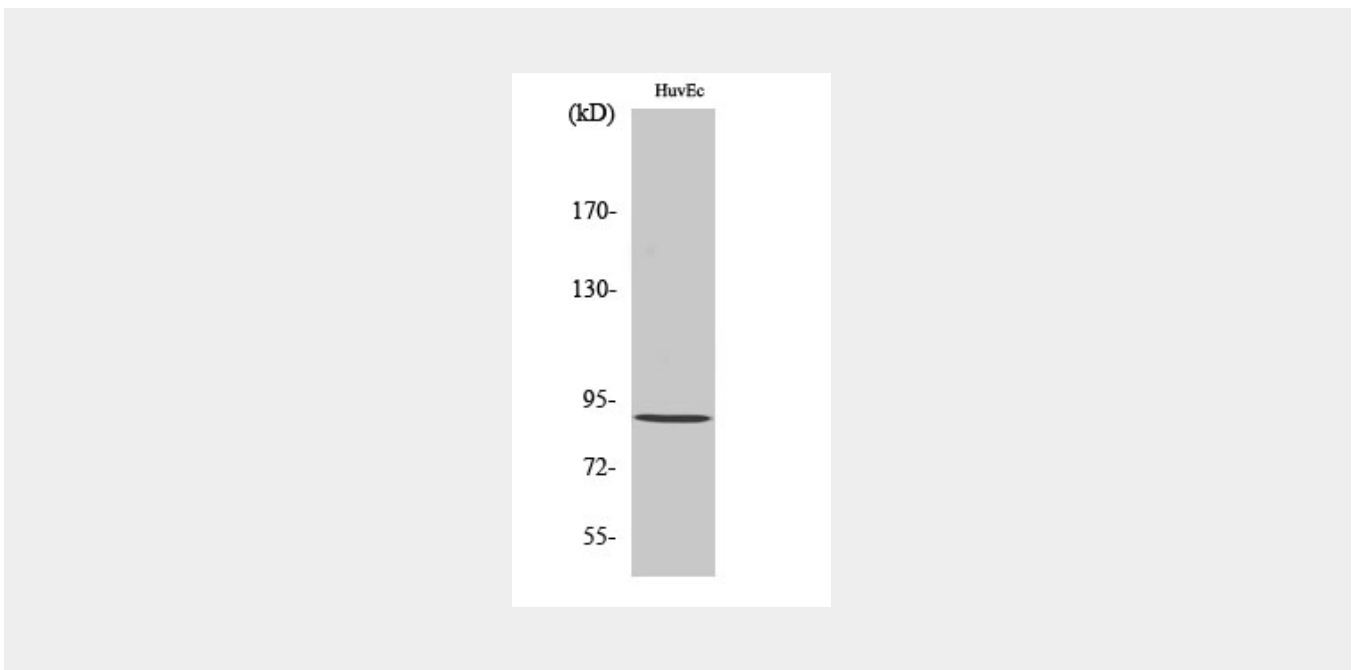
Cell membrane; Lipid-anchor; Cytoplasmic side. Early endosome membrane; Lipid-anchor
Note=Enriched in endosomes that are in close proximity to clathrin- enriched regions at the cell surface.

Rabenosyn-5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Rabenosyn-5 Polyclonal Antibody - Images



Rabenosyn-5 Polyclonal Antibody - Background

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