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ZFYVE20 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11574

Specification

ZFYVE20 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9H1K0
Other Accession	NM_022340, NP_071735
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**89kDa KDa**

ZFYVE20 antibody - N-terminal region - Additional Information

Gene ID 64145

Alias Symbol	**FLJ34993, MGC126210, Rabenosyn-5**

Other Names
Rabenosyn-5, 110 kDa protein, FYVE finger-containing Rab5 effector protein rabenosyn-5, RAB effector RBSN {ECO:0000312|HGNC:HGNC:20759}, Zinc finger FYVE domain-containing protein 20, RBSN (HGNC:20759)

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ZFYVE20 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ZFYVE20 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ZFYVE20 antibody - N-terminal region - 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:<a

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href="http://www.uniprot.org/citations/11062261" target="_blank">11062261, PubMed:11788822, PubMed:15020713). Plays a role in the recycling of transferrin receptor to the plasma membrane (PubMed:22308388).

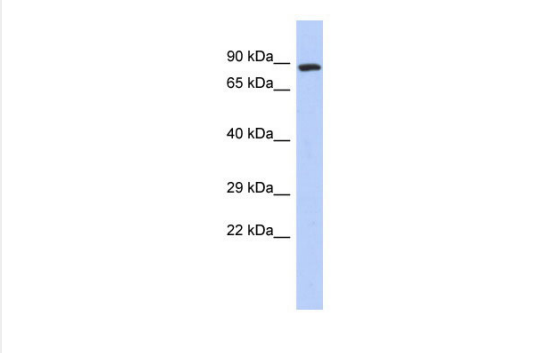
Cellular Location
Cell membrane; Lipid-anchor; Cytoplasmic side. Early endosome membrane; Lipid-anchor Note=Enriched in endosomes that are in close proximity to clathrin- enriched regions at the cell surface.

ZFYVE20 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZFYVE20 antibody - N-terminal region - Images



WB Suggested Anti-ZFYVE20 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Human Stomach

ZFYVE20 antibody - N-terminal region - References

Beausoleil,S.A., (2006) Nat. Biotechnol. 24 (10), 1285-1292 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.