

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

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**ZFYVE20 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9H1K0</a>
Other Accession	<a href="#">NM_022340</a> , <a href="#">NP_071735</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 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](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=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

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

#### Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side. Early endosome membrane; Lipid-anchor

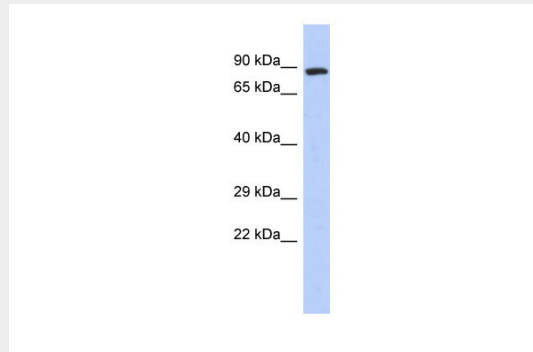
Note=Enriched in endosomes that are in close proximity to clathrin- enriched regions at the cell surface.

#### 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 Cytometry](#)
- [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.