

**Name: Goat Polyclonal Antibody against ZFYVE20**  
**Product Data Sheet - ANTIBODY****Catalog: TA302887**

<b>Components:</b>	<ul style="list-style-type: none"><li>Goat Polyclonal Antibody against ZFYVE20 (TA302887)</li><li>1 vial of 20ug myc-DDK tagged ZFYVE20 HEK293T over-expression lysate lyophilized in RIPA buffer (LC411711). (Reconstitute into 20ul of 1x SDS sample buffer before loading; load 5ul per lane as WB control or as desired)</li></ul>
<b>Amount:</b>	100ug
<b>Immunogen:</b>	Peptide with sequence C-ELKHTLAKQKGGTD, from the C Terminus of the protein sequence according to NP_071735.
<b>Host:</b>	Goat
<b>Isotype:</b>	Goat IgG
<b>Species Reactivity:</b>	Human
<b>Guaranteed Applications:</b>	WB
<b>Suggested Dilutions:</b>	ELISA: 1:64,000. WB: 0.3 - 1.5 µg/ml.
<b>Concentration:</b>	0.5 mg/ml
<b>Buffer:</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Purification:</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Storage Condition:</b>	Shipped at -20C. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

## Target

<b>Target Name:</b>	Homo sapiens zinc finger, FYVE domain containing 20 (ZFYVE20)
<b>Alternative Name:</b>	Rabenosyn-5
<b>Database Link:</b>	NP_071735
<b>Function:</b>	Rab4/Rab5 effector protein acting in early endocytic membrane fusion and membrane trafficking of

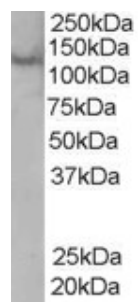
***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***

© 2014 OriGene Technologies, Inc. 9620 Medical Center Dr., Suite 200, Rockville, MD 20850

recycling endosomes. Required for endosome fusion either homotypically or with clathrin coated vesicles. Plays a role in the lysosomal trafficking of 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)

## Validation Data

---



TA302887 (0.3µg/ml) staining of A431 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

\* More validation images may be available on our website: <http://www.origene.com/antibody/TA302887.aspx>

---

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***

© 2014 OriGene Technologies, Inc. 9620 Medical Center Dr., Suite 200, Rockville, MD 20850

---