

Rabbit anti-Human ZFYVE16 Polyclonal Antibody | anti-ZFYVE16 antibody

ZFYVE16 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288243	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ZFYVE16; Polyclonal Antibody; ZFYVE16 Antibody (N-term); Zinc finger FYVE domain-containing protein 16; Endofin; Endosome-associated FYVE domain protein; KIAA0305; anti-ZFYVE16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ZFYVE16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 375-404 amino acids from the N-terminal region of human ZFYVE16.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	375-404
Sequence Length	1539
Applicable Applications for anti-ZFYVE16 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ZFYVE16 Antibody (N-term) flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

ZFYVE16 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ZFYVE16 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ZFYVE16 Antibody (N-term) in K562 cell line lysates (35ug/lane). ZFYVE16 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ZFYVE16 antibody	The ZFYVE16 gene encodes endofin, an endosomal protein implicated in regulating membrane trafficking. It is characterized by the presence of a phosphatidylinositol 3-phosphate-binding FYVE domain positioned in the middle of the molecule.
Product Categories/Family for anti-ZFYVE16 antibody	Signal Transduction
References	Toy, W., et al. Cell. Signal. 22(3):437-446(2010) Chen, Y., et al. Proteomics 7(14):2384-2397(2007) Shi, W., et al. J. Cell. Sci. 120 (PT 7), 1216-1224 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	157426866
NCBI GeneID	9765
NCBI Accession #	NP_001098721.1; NP_055548.3
NCBI GenBank Nucleotide #	NM_001105251.2
UniProt Accession #	Q7Z3T8; O15023; Q5H9U2; Q7LAU7; Q86T69; Q8N5L3; Q8NEK3
Molecular Weight	168903
NCBI Official Full Name	zinc finger FYVE domain-containing protein 16 isoform a
NCBI Official Synonym Full Names	zinc finger, FYVE domain containing 16
NCBI Official Symbol	ZFYVE16
NCBI Official Synonym Symbols	PPP1R69
NCBI Protein Information	zinc finger FYVE domain-containing protein 16
UniProt Protein Name	Zinc finger FYVE domain-containing protein 16
UniProt Gene Name	ZFYVE16
UniProt Synonym Gene Names	KIAA0305
UniProt Entry Name	ZFY16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zfyve16-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288243>