

Rabbit anti-Human PLEKHF2 Polyclonal Antibody | anti-PLEKHF2 antibody

Anti-PLEKHF2 Antibody, Rabbit Polyclonal

CATALOG # AAA256999	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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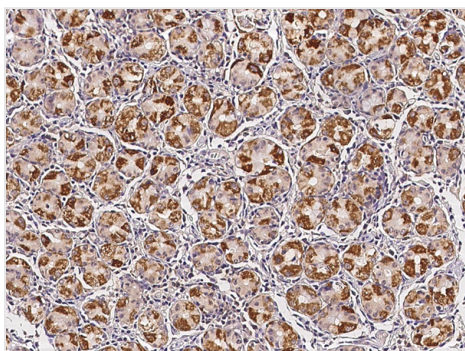
PRODUCT SYNONYMS

PLEKHF2; Polyclonal Antibody; Anti-PLEKHF2 Antibody; Rabbit Polyclonal; PLEKHF2 Antibody; Rabbit PAb; Antigen Affinity Purified; pleckstrin homology and FYVE domain containing 2; Anti-EAPF Antibody; Anti-PHAFIN2 Antibody; Anti-ZFYVE18 Antibody; anti-PLEKHF2 antibody

PRODUCT SPECIFICATIONS

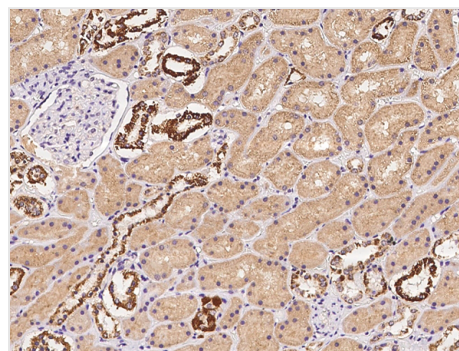
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PLEKHF2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti- PLEKHF2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PLEKHF2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PLEKHF2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PLEKHF2 in human stomach with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PLEKHF2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti- PLEKHF2 antibody	PLEKHF2 (Pleckstrin Homology And FYVE Domain Containing 2, also known as EAPF, PHAFIN2, and ZFYVE18) is a Protein Coding gene. The PLEKHF2 gene, located on 8q22.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, and frog. An important paralog of this gene is PLEKHF1. PLEKHF2 may play a role in early endosome fusion upstream of RAB5, hence regulating receptor trafficking and fluid-phase transport. It can also enhance cellular sensitivity to TNF-induced apoptosis. PLEKHF2 is widely expressed in bone marrow, lymph nodes, and other tissues. 239 organisms have orthologs with the human gene PLEKHF2.
References	Tang TX, et al. (2020) The c-terminal acidic motif of phafin2 inhibits ph domain binding to phosphatidylinositol 3-phosphate. Biochim Biophys Acta Biomembr 1862 (6): 183230.Tang TX, et al. (2017) Structural, thermodynamic, and phosphatidylinositol 3-phosphate binding properties of phafin2. Protein Sci 26 (4): 814-823.Pedersen NM, et al. (2012) The ptdins3p-binding protein phafin 2 mediates epidermal growth factor receptor degradation by promoting endosome fusion. Traffic 13 (11): 1547-1563.

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://www.aaabiotech.com/polyclonal/plekhf2-antibody-immunohistochemistry-elisa/256999>