

Rabbit anti-Human ZFYVE19 Polyclonal Antibody | anti-ZFYVE19 antibody

Anti-ZFYVE19 Antibody, Rabbit Polyclonal

CATALOG # AAA256797	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

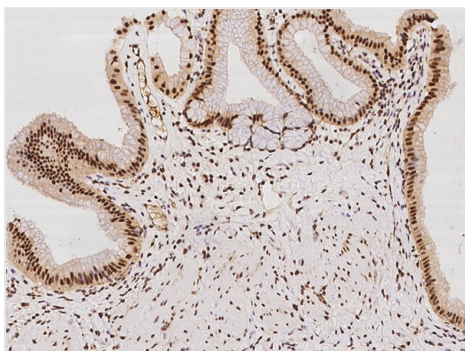
PRODUCT SYNONYMS

ZFYVE19; Polyclonal Antibody; Anti-ZFYVE19 Antibody; Rabbit Polyclonal; ZFYVE19 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-MPFYVE Antibody; anti-ZFYVE19 antibody

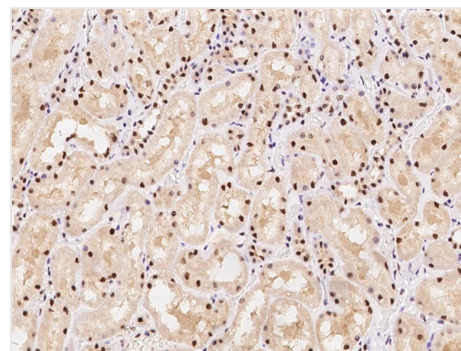
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ZFYVE19
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ZFYVE19 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ZFYVE19 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ZFYVE19 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 ZFYVE19 in human gallbladder with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human ZFYVE19 in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ZFYVE19 rabbit polyclonal antibody at 1:500 dilution
 Lane A: HeLa Whole Cell Lysate
 Lane B: HepG2 Whole Cell Lysate
 Lysates/proteins at 30 ug per lane.
 Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
 Developed using the ECL technique.
 Performed under reducing conditions.
 Predicted band size: 52 kDa
 Observed band size: 52 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ZFYVE19 antibody	ZFYVE19 (Zinc Finger FYVE-Type Containing 19) is located on human chromosome 15q15.1. The ZFYVE19 (also known as abscission/nocut checkpoint regulator, ANCHR, FLJ14840) gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, and frog. An important paralog of this gene is ZFYVE1. ZFYVE19 is a key regulator of abscission step in cytokinesis: part of the cytokinesis checkpoint, a process required to delay abscission to prevent both premature resolution of intercellular chromosome bridges and accumulation of DNA damage. ANCHR, a key regulator of the abscission checkpoint, functions through the most downstream component of the ESCRT machinery, the ATPase VPS4. In concert with CHMP4C, ANCHR associates with VPS4 at the midbody ring following DNA segregation defects to control abscission timing and prevent multinucleation in an Aurora-B-dependent manner. Biallelic ZFYVE19 mutations can lead to high-GGT cholestasis and DPM/CHF in vivo. In vitro, they can lead to centriolar and axonemal abnormalities.
References	Luan W, et al. (2020) Biallelic loss-of-function zfyve19 mutations are associated with congenital hepatic fibrosis, sclerosing cholangiopathy and high-ggt cholestasis. J Med Genet

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/zfyve19-antibody-immunohistochemistry-western-blot-elisa/256797>