

Rabbit anti-Human FGD6 Polyclonal Antibody | anti-FGD6 antibody

Anti-FGD6 Antibody, Rabbit Polyclonal

CATALOG # AAA256746	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

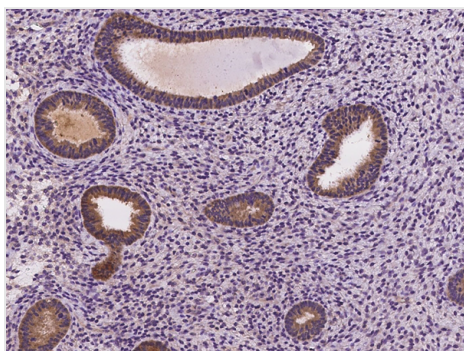
PRODUCT SYNONYMS

FGD6; Polyclonal Antibody; Anti-FGD6 Antibody; Rabbit Polyclonal; FGD6 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ZFYVE24 Antibody; anti-FGD6 antibody

PRODUCT SPECIFICATIONS

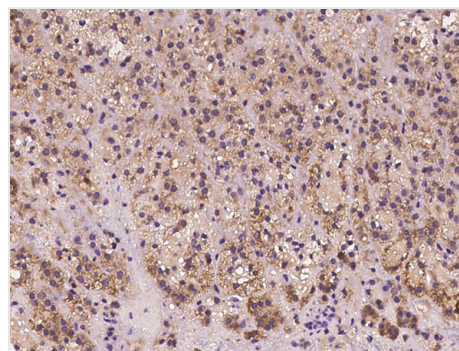
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FGD6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-FGD6 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human FGD6 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human FGD6 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 FGD6 in human corpus uteri with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human FGD6 in human adrenal gland with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-FGD6 antibody	FGD6 protein with pleckstrin homology (PH) and FYVE (domain present in Fab1, YotB, Vac1p, and EEA1) domains belongs to the FGD family consisting of six Rho guanine nucleotide exchange factors (GEFs) activating Rho GTPases. FGD6 is highly homologous to FGD1, a Rho GEF regulating post-Golgi transport in bone rebuilding osteoblasts. Mutations in the FGD1 gene are linked with the inherited disease faciogenital dysplasia or Aarskog-Scott syndrome. FGD6 is a potential important player of osteoclast function. FGD6 plays an essential role in osteoclasts by regulating the assembly of different actin-based protein networks and activating Cdc42 at different locations; first at the plasma membrane during podosome/sealing zone formation and second at endosomes/transcytotic vesicles during membrane recycling, two highly coordinated cellular processes ensuring an efficient bone degradation.
References	Steenblock C, et al. (2014) The cdc42 guanine nucleotide exchange factor fgd6 coordinates cell polarity and endosomal membrane recycling in osteoclasts. J Biol Chem 289 (26): 18347-18359.

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://www.aaabiotech.com/polyclonal/fgd6-antibody-immunohistochemistry-elisa/256746>