

Rabbit anti-Human FGFR1 Polyclonal Antibody | anti-FGFR1 antibody

Anti-FGFR1 Antibody, Rabbit Polyclonal

CATALOG # AAA256961	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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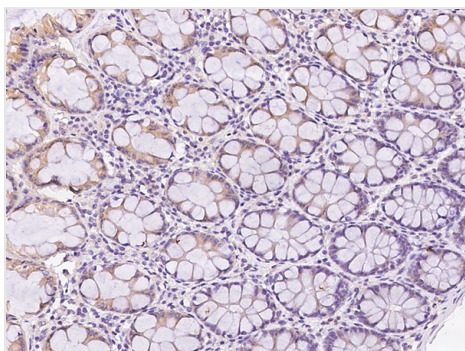
PRODUCT SYNONYMS

FGFR1; Polyclonal Antibody; Anti-FGFR1 Antibody; Rabbit Polyclonal; FGFR1 Antibody; Rabbit PAb; Antigen Affinity Purified; fibroblast growth factor receptor-like 1; Anti-FGFR5 Antibody; Anti-FHFR Antibody; anti-FGFR1 antibody

PRODUCT SPECIFICATIONS

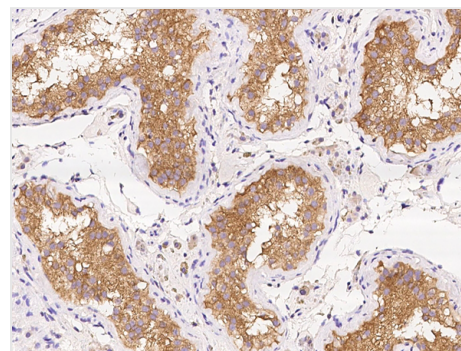
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FGFR1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-FGFR1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human FGFR1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human FGFR1 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 FGFR1 in human rectum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human FGFR1 in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFRL1 antibody	Fibroblast growth factor receptor-like 1 (FGFRL1) also known as Fibroblast growth factor receptor 5 (FGFR5), is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. A unique feature of FGFRL1/FGFR5 is that it does not contain an intracellular tyrosine kinase domain. Some muscle types, including the muscles of the tongue and the diaphragm, express FGFRL1/FGFR5 at relatively high level. In contrast, the heart and the skeletal muscles of the limbs, as well as many other organs (brain, lung, liver, kidney, gut) express Fgfr1 only at basal level. It is conceivable that FGFRL1/FGFR5 interacts with other Fgfrs, which are expressed in cartilage and muscle, to modulate FGF signaling.
Product Categories/Family for anti-FGFRL1 antibody	Receptor Tyrosine Kinases (RTKs)
References	Wiedemann M, et al. (2000) Characterization of a novel protein (FGFRL1) from human cartilage related to FGF receptors. Genomics. 69(2): 275-9. Trueb B, et al. (2006) Expression of FGFRL1, a novel fibroblast growth factor receptor, during embryonic development. Int J Mol Med. 17(4): 617-20. Wiedemann M, et al. (2001) The mouse Fgfr1 gene coding for a novel FGF receptor-like protein. Biochim Biophys Acta. 1520(3): 247-50. Trueb B, et al. (2003) Characterization of FGFRL1, a novel fibroblast growth factor (FGF) receptor preferentially expressed in skeletal tissues. J Biol Chem. 278(36): 33857-65.

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/fgfr1-antibody-immunohistochemistry-elisa/256961>