

Rabbit FGFR1 Polyclonal Antibody | anti-FGFR1 antibody

FGFR1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288701	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, Immunohistochemistry, ELISA

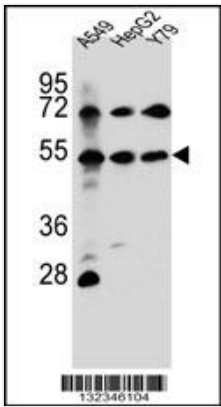
PRODUCT SYNONYMS

FGFR1; Polyclonal Antibody; FGFR1 Antibody (N-term); Fibroblast growth factor receptor-like 1; FGF receptor-like protein 1; FGF homologous factor receptor; FGFR-like protein; Fibroblast growth factor receptor 5; FGFR-5; FGFR5; FHFR; anti-FGFR1 antibody

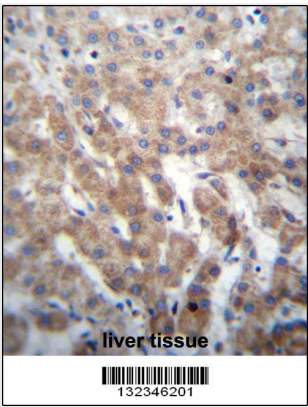
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FGFR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-160 amino acids from the N-terminal region of human FGFR1.
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	131-160
Sequence Length	504
Applicable Applications for anti-FGFR1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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



WB (Western Blot)
FGFR1 Antibody (N-term) western blot analysis in A549,HepG2,Y79 cell line lysates (35ug/lane).This demonstrates the FGFR1 antibody detected the FGFR1 protein (arrow).



IHC (Immunohistochemistry)
FGFR1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FGFR1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR1 antibody	The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. 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 marked difference between this gene product and the other family members is its lack of a cytoplasmic tyrosine kinase domain. The result is a transmembrane receptor that could interact with other family members and potentially inhibit signaling. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene.
Product Categories/Family for anti-FGFR1 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010) LopezJimenez, N., et al. Hum. Genet. 127(3):325-336(2010) Steinberg, F., et al. J. Biol. Chem. 285(3):2193-2202(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51988912
NCBI GeneID	53834
NCBI Accession #	NP_001004356.1; NP_001004358.1; NP_068742.2
NCBI GenBank Nucleotide #	NM_001004356.2
UniProt Accession #	Q8N441; Q6PJN1; Q9BXN7; Q9H4D7; B2RAU9
Molecular Weight	54537

NCBI Official Full Name	fibroblast growth factor receptor-like 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor-like 1
NCBI Official Symbol	FGFRL1
NCBI Official Synonym Symbols	FHFR; FGFR5
NCBI Protein Information	fibroblast growth factor receptor-like 1
UniProt Protein Name	Fibroblast growth factor receptor-like 1
UniProt Gene Name	FGFRL1
UniProt Synonym Gene Names	FGFR5; FHFR; FGF receptor-like protein 1; FGFR-5
UniProt Entry Name	FGRL1_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/fgfr1-antibody-western-blot-immunohistochemistry-elisa/288701>