

Rabbit FGFR1 Polyclonal Antibody | anti-FGFR1 antibody

FGFR1 Antibody

CATALOG # AAA305156	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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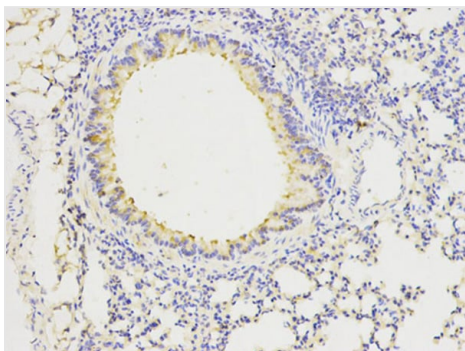
PRODUCT SYNONYMS

FGFR1; Polyclonal Antibody; FGFR1 Antibody; BFGFR; CD331; CEK; FGFBR; FLG; anti-FGFR1 antibody

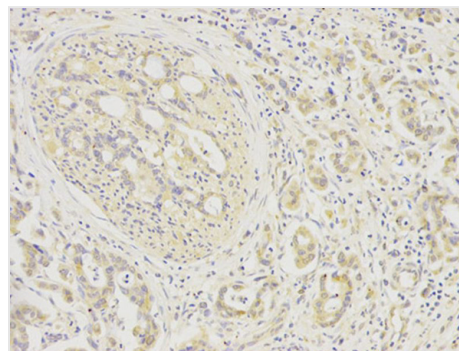
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total FGFR1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	820
Applicable Applications for anti-FGFR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human FGFR1.
Target Name	FGFR1
Preparation and Storage	Store at -20 degree C

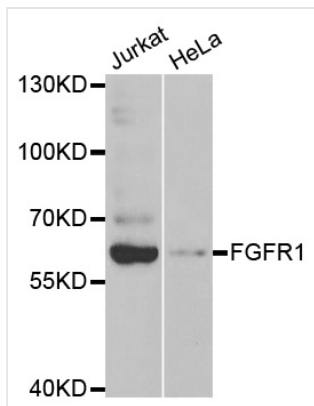
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse lung using FGFR1 antibody at dilution of 1:200 (200x lens).


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using FGFR1 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using FGFR1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR1 antibody	Fibroblast growth factors (FGFs) produce mitogenic and angiogenic effects in target cells by signaling through cell surface receptor tyrosine kinases. There are four members of the FGF receptor family: FGFR1 (flg), FGFR2 (bek, KGFR), FGFR3, and FGFR4. Each receptor contains an extracellular ligand binding domain, a transmembrane domain, and a cytoplasmic kinase domain (1). Following ligand binding and dimerization, the receptors are phosphorylated at specific tyrosine residues (2). Seven tyrosine residues in the cytoplasmic tail of FGFR1 can be phosphorylated: Tyr463, 583, 585, 653, 654, 730, and 766. Tyr653 and Tyr654 are important for catalytic activity of activated FGFR and are essential for signaling (3). The other phosphorylated tyrosine residues may provide docking sites for downstream signaling components such as Crk and PLCg (4,5).
Product Categories/Family for anti-FGFR1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	291327489
NCBI GeneID	2260
NCBI Accession #	NP_001167534.1
NCBI GenBank Nucleotide #	NM_001174063.1
UniProt Accession #	P11362; P17049; Q02063; Q02065; Q14306; Q14307; Q53H63; Q59H40; Q5BJG2; A8K6T9; A8K8V5; C1KBH8
Molecular Weight	95,344 Da
NCBI Official Full Name	fibroblast growth factor receptor 1 isoform 10
NCBI Official Synonym Full Names	fibroblast growth factor receptor 1
NCBI Official Symbol	FGFR1
NCBI Official Synonym Symbols	CEK; FLG; HH2; OGD; FLT2; KAL2; BFGFR; CD331; FGFBR; FLT-2; HBGFR; N-SAM; FGFR-1; HRTFDS; bFGF-R-1
NCBI Protein Information	fibroblast growth factor receptor 1
UniProt Protein Name	Fibroblast growth factor receptor 1
UniProt Gene Name	FGFR1
UniProt Synonym Gene Names	BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; FGFR-1; BFGFR; bFGF-R-1; FLT-2
UniProt Entry Name	FGFR1_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-immunohistochemistry-western-blot-elisa/305156>