

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

FGFR1 (Ab-766) Antibody

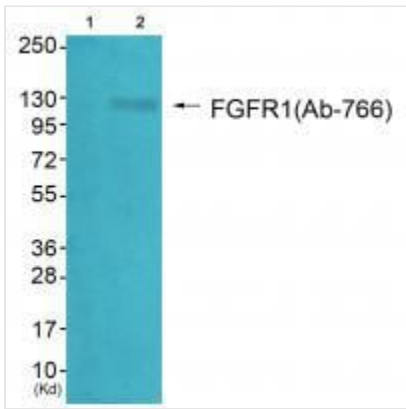
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307848	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

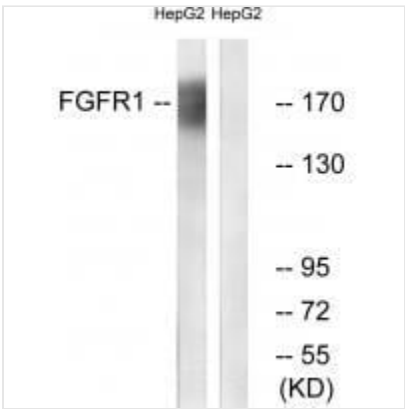
FGFR1; Polyclonal Antibody; FGFR1 (Ab-766) Antibody; EC 2.7.10.1; FGFR; FGFR-1; FGR1; FLG; anti-FGFR1 antibody

PRODUCT SPECIFICATIONS

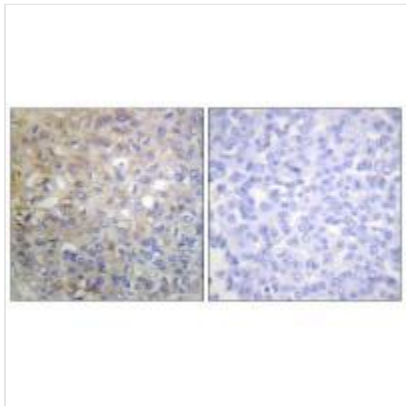
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total FGFR1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered 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	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human FGFR1 around the phosphorylation site of tyrosine 766 (Q-E-Y(p)-L-D).
Target Name	FGFR1
Preparation and Storage	Store at -20 degree C



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells (Lane 2), using FGFR1 (Ab-766) antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using FGFR1 (Ab-766) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using FGFR1 (Ab-766) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR1 antibody	Tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of embryonic development, cell proliferation, differentiation and migration. Required for normal mesoderm patterning and correct axial organization during embryonic development, normal skeletogenesis and normal development of the gonadotropin-releasing hormone (GnRH) neuronal system. Phosphorylates PLCG1, FRS2, GAB1 and SHB. Ligand binding leads to the activation of several signaling cascades. Activation of PLCG1 leads to the production of the cellular signaling molecules diacylglycerol and inositol 1,4,5-trisphosphate. Phosphorylation of FRS2 triggers recruitment of GRB2, GAB1, PIK3R1 and SOS1, and mediates activation of RAS, MAPK1/ERK2, MAPK3/ERK1 and the MAP kinase signaling pathway, as well as of the AKT1 signaling pathway. Promotes phosphorylation of SHC1, STAT1 and PTPN11/SHP2. In the nucleus, enhances RPS6KA1 and CREB1 activity and contributes to the regulation of transcription. FGFR1 signaling is down-regulated by IL17RD/SEF, and by FGFR1 ubiquitination, internalization and degradation.Isacchi A., Nucleic Acids Res. 18:1906-1906(1990).Popovici C., Blood 93:1381-1389(1999).Liu T., J. Proteome Res. 4:2070-2080(2005).
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/307848>