

Rabbit Phospho-FGFR (Y766) Polyclonal Antibody | anti-FGFR1 antibody

Phospho-FGFR (Y766) Antibody

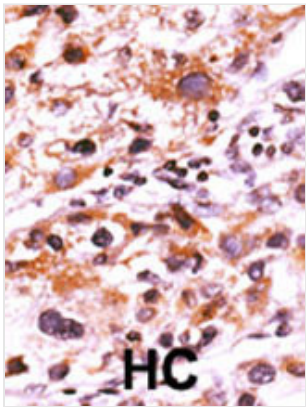
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288708	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Rat, Zebrafish)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

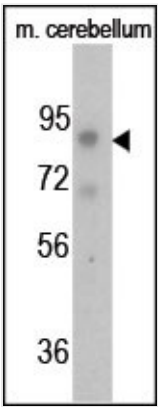
Phospho-FGFR (Y766); Polyclonal Antibody; Phospho-FGFR (Y766) Antibody; Fibroblast growth factor receptor 1; FGFR-1; Basic fibroblast growth factor receptor 1; BFGFR; bFGF-R-1; Fms-like tyrosine kinase 2; FLT-2; N-sam; Proto-oncogene c-Fgr; CD331; FGFR1; CEK; FGFR; FLG; FLT2; HBGFR; anti-FGFR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Rat, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FGFR Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y766 of human FGFR.
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: 0.25 (varies by lot)
Sequence Length	820
Applicable Applications for anti-FGFR1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-Phospho-FGFR-Y766 Pab (AAA288708) in mouse cerebellum cell line lysate. Phospho-FGFR-Y766 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR1 antibody	FGFR is a member of the fibroblast growth factor receptor 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 consists 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. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene can lead to Pfeiffer syndrome and Jackson-Weiss syndrome.
Product Categories/Family for anti-FGFR1 antibody	Cancer; Cardiovascular; Neuroscience; Signal Transduction; Phospho Antibodies
References	Hu, Y., et al., J. Biol. Chem. 279(28):29325-29335 (2004). Ibrahimi, O.A., et al., Biochemistry 43(16):4724-4730 (2004). Sato, N., et al., J. Clin. Endocrinol. Metab. 89(3):1079-1088 (2004). Lundin, L., et al., Exp. Cell Res. 287(1):190-198 (2003). Jiao, J., et al., Arch. Biochem. Biophys. 410(2):187-200 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	291327489
NCBI GeneID	2260
NCBI Accession #	NP_001167534.1; NP_001167535.1; NP_001167536.1; NP_001167537.1; NP_001167538.1; NP_056934.2; NP_075593.1; NP_075594.1; NP_075598.2
NCBI GenBank Nucleotide #	NM_001174063.1
UniProt Accession #	P11362; P17049; Q02063; Q02065; Q14306; Q14307; Q53H63; Q59H40; Q5BJG2; A8K6T9; A8K8V5; C1KBH8
Molecular Weight	91868
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; FGFR; 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/phospho-fgfr-y766-antibody-immunohistochemistry-western-blot-elisa/288708>