

Rabbit FGFR2 Polyclonal Antibody | anti-FGFR2 antibody

FGFR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306008	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

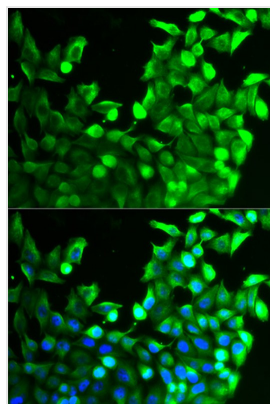
PRODUCT SYNONYMS

FGFR2; Polyclonal Antibody; FGFR2 Antibody; BEK; BFR-1; CD332; CEK3; CFD1; anti-FGFR2 antibody

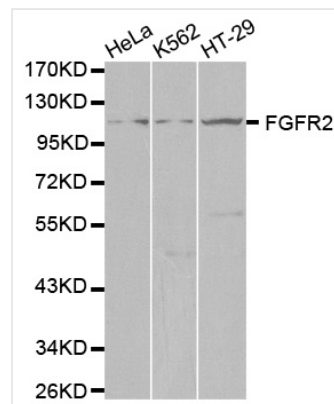
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total FGFR2 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	821
Applicable Applications for anti-FGFR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human FGFR2.
Target Name	FGFR2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cell using FGFR2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FGFR2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR2 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 (fig), 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-FGFR2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316639
NCBI GeneID	2263
NCBI Accession #	NP_000132.3
NCBI GenBank Nucleotide #	NM_000141.4
UniProt Accession #	P21802; P18443; Q01742; Q12922; Q14300; Q14301; Q14302; Q14303; Q14304; B4DFC2; E7EVR6; E9PCR0
Molecular Weight	79,833 Da
NCBI Official Full Name	fibroblast growth factor receptor 2 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor 2
NCBI Official Symbol	FGFR2
NCBI Official Synonym Symbols	BEK; JWS; BBDS; CEK3; CFD1; ECT1; KGFR; TK14; TK25; BFR-1; CD332; K-SAM
NCBI Protein Information	fibroblast growth factor receptor 2
UniProt Protein Name	Fibroblast growth factor receptor 2
UniProt Gene Name	FGFR2
UniProt Synonym Gene Names	BEK; KGFR; KSAM; FGFR-2; KGFR
UniProt Entry Name	FGFR2_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://www.aaabiotech.com/polyclonal/fgfr2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306008>