

Rabbit FGFR4 Polyclonal Antibody | anti-FGFR4 antibody

FGFR4 Polyclonal Antibody

CATALOG # AAA175732	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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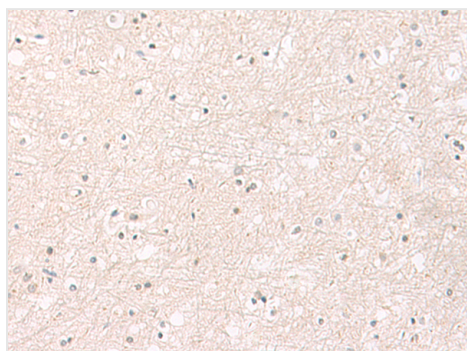
PRODUCT SYNONYMS

FGFR4; Polyclonal Antibody; FGFR4 Polyclonal Antibody; CD 334; CD334; CD334 antigen; Fc13h 10; Fc13h10; Fgfr 4; FGFR-4; Fgfr4; Fibroblast growth factor receptor 4; Hydroxyaryl protein kinase; JTK 2; JTK2; MGC20292; Protein tyrosine kinase; TKF; Tyrosine kinase related to fibroblast growth factor receptor; Tyrosylprotein kinase; anti-FGFR4 antibody

PRODUCT SPECIFICATIONS

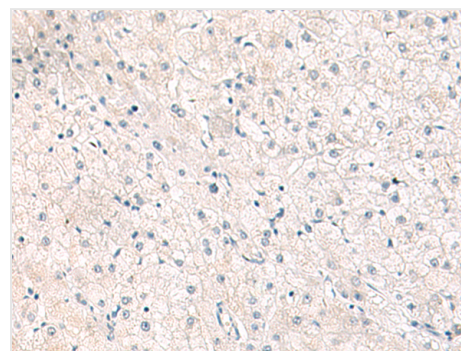
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.72mg/mL (varies by lot)
Sequence Length	802
Applicable Applications for anti-FGFR4 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human FGFR4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using FGFR4 Polyclonal Antibody at dilution of 1:25 (x200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using FGFR4 Polyclonal Antibody at dilution of 1:25 (x200)

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR4 antibody	The protein encoded by this gene 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 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. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20. Although alternative splicing has been observed, there is no evidence that the C-terminal half of the IgIII domain of this protein varies between three alternate forms, as indicated for members 1-3. FGFR4 (Fibroblast Growth Factor Receptor 4) is a Protein Coding gene. Diseases associated with FGFR4 include Prostate Cancer and Neuroma. Among its related pathways are GPCR Pathway and RET signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is FGFR3.
Product Categories/Family for anti-FGFR4 antibody	Cancer; Cell Biology; Cardiovascular; Neuroscience; Signal Transduction; Stem Cells; Tags and Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	47524173
NCBI GeneID	2264
NCBI Accession #	NP_002002.3
NCBI GenBank Nucleotide #	NP_002002.3
UniProt Accession #	P22455
NCBI Official Full Name	fibroblast growth factor receptor 4 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor 4
NCBI Official Symbol	FGFR4
NCBI Official Synonym Symbols	TKF; JTK2; CD334
NCBI Protein Information	fibroblast growth factor receptor 4
UniProt Protein Name	Fibroblast growth factor receptor 4
UniProt Gene Name	FGFR4
UniProt Synonym Gene Names	JTK2; TKF; FGFR-4
UniProt Entry Name	FGFR4_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.