

Rabbit FGFR Polyclonal Antibody | anti-FGFR antibody

FGFR (Y766) Antibody

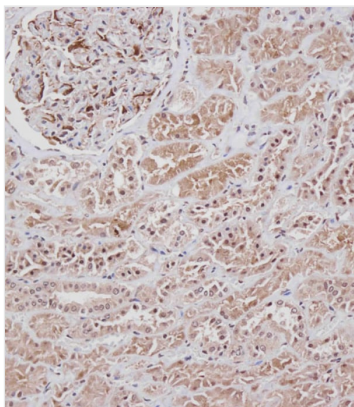
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290973	Rabbit	Human, Mouse, Rat Predicted Reactivity: Chicken, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

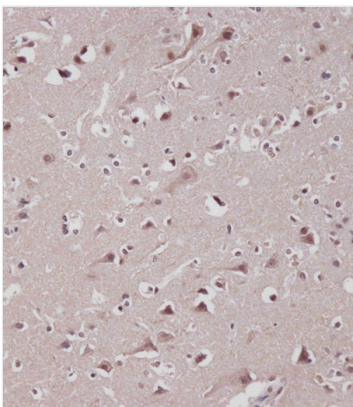
FGFR; Polyclonal Antibody; FGFR (Y766) Antibody; Purified Rabbit Polyclonal Antibody (Pab); Fibroblast growth factor receptor 1; FGFR-1; 2.7.10.1; Basic fibroblast growth factor receptor 1; BFGFR; bFGF-R-1; Fms-like tyrosine kinase 2; FLT-2; N-sam; Proto-oncogene c-Fgr; CD331; FGFR1; CEK; FGFBR; FLG; FLT2; HBGFR; anti-FGFR antibody

PRODUCT SPECIFICATIONS

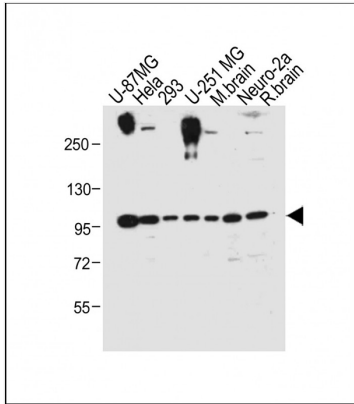
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Chicken, Zebrafish
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB61429
Specificity	This FGFR(Y766) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 741-770 amino acids from the human region of human FGFR(Y766).
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.
Applicable Applications for anti-FGFR antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Immunohistochemical analysis of AP22386a on paraffin-embedded Human kidney tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of AP22386a on paraffin-embedded Human brain tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



WB (Western Blot)
All lanes : Anti-FGFR(Y766) Antibody at 1:1000 dilutionLane 1: U-87MG whole cell lysateLane 2: Hela whole cell lysateLane 3: 293 whole cell lysateLane 4: U-251 MG whole cell lysateLane 5: Mouse brain tissue lysateLane 6: Neuro-2a whole cell lysateLane 7: Rat brain tissue lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 92 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR 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.
Product Categories/Family for anti-FGFR antibody	Crown Antibodies; Primary Antibodies; Cancer; Cardiovascular; Neuroscience; Signal Transduction; Anti-Kinome Antibodies
References	Itoh N.,et al.Biochem. Biophys. Res. Commun. 169:680-685(1990).Dionne C.A.,et al.EMBO J. 9:2685-2692(1990).Johnson D.E.,et al.Mol. Cell. Biol. 10:4728-4736(1990).Isacchi A.,et al.Nucleic Acids Res. 18:1906-1906(1990).Wennstroem S.,et al.Growth Factors 4:197-208(1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	291327489
NCBI GeneID	2260
NCBI Accession #	NP_001167534.1
NCBI GenBank Nucleotide #	NM_001174063.1
UniProt Accession #	P11362; P21804; P16092; Q04589; Q90Z00
Molecular Weight	91,868 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; bFGF-R-1
NCBI Protein Information	fibroblast growth factor receptor 1; FGFR1/PLAG1 fusion; proto-oncogene c-Fgr; FMS-like tyrosine kinase 2; hydroxyaryl-protein kinase; fms-related tyrosine kinase 2; heparin-binding growth factor receptor; basic 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/fgfr-antibody-clone-rb61429-western-blot-immunohistochemistry-elisa/290973>