

Datasheet for ABIN358128

anti-FGFR1 antibody (pTyr766)**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	FGFR1
Binding Specificity:	pTyr766
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Tyr766 of Human FGFR. Genename: FGFR1
Isotype:	Ig Fraction
Specificity:	This antibody detects FGFR pTyr766.
Purification:	Protein G Affinity Chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	FGFR1
Alternative Name:	FGFR1 (FGFR1 Products)
Background:	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. Synonyms: BFGFR, Basic fibroblast growth factor receptor 1, CEK, FGFBR, FLG, FLT-2, FLT2, Fibroblast growth factor receptor 1, Fms-like tyrosine kinase 2, HBGFR, N-sam, Proto-oncogene c-Fgr, bFGF-R-1
Molecular Weight:	91868 Da
Gene ID:	2260, 9606
UniProt:	P11362
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , S100 Proteins

Application Details

Application Notes:	ELISA: 1/1,000. Dot Blot: 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images

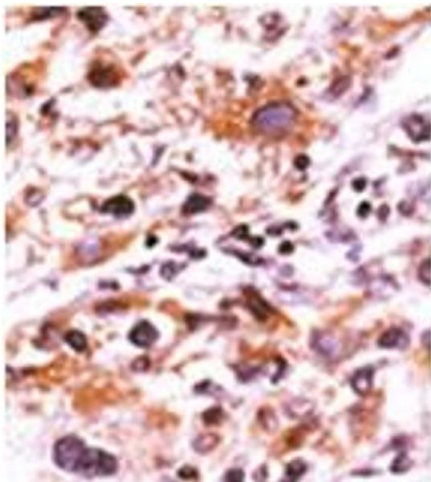


Image 1.

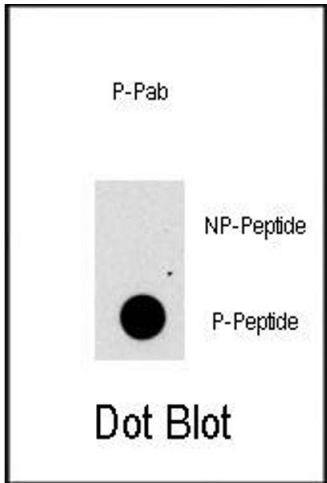


Image 2.

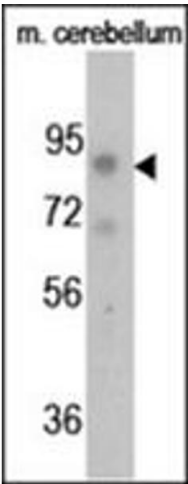


Image 3.