

Datasheet for ABIN1531318
anti-FGFR1 antibody (pTyr654)



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2 Images

Overview

Quantity:	100 µL
Target:	FGFR1
Binding Specificity:	AA 626-675, pTyr654
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human FGFR1 around the phosphorylation site of Tyr654.
Isotype:	IgG
Specificity:	FGFR1 (Phospho-Tyr654) Antibody detects endogenous levels of FGFR1 only when phosphorylated at Tyr654. PhosphorylationH:Y654 M:Y654 R:Y561
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

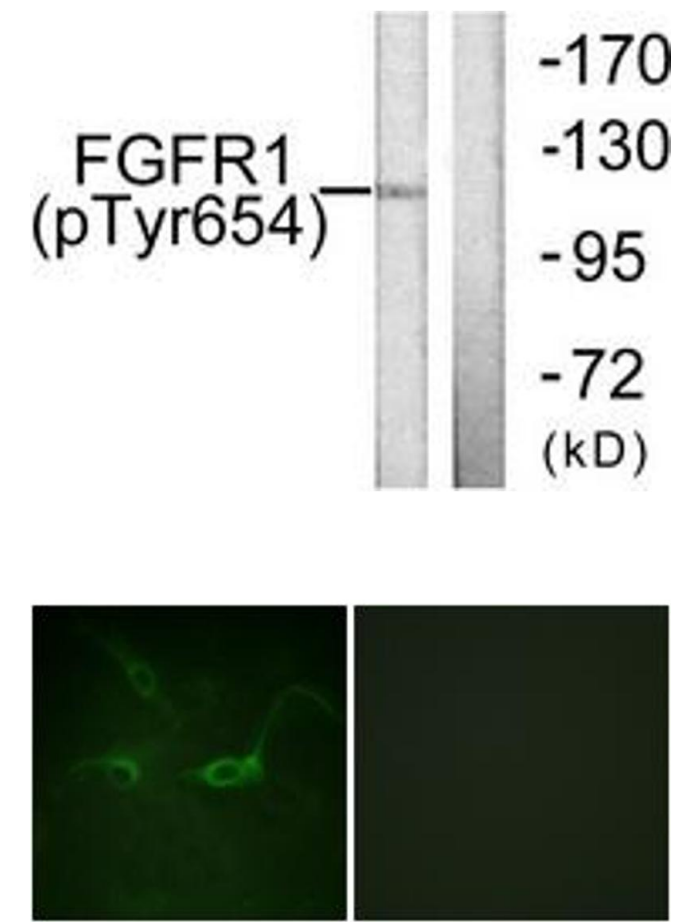
Target:	FGFR1
Alternative Name:	FGFR1 (FGFR1 Products)
Background:	Synonyms: bFGF-R, c-fgr, FGFBR, FGFR-1, FGR1, fibroblast growth factor receptor 1, FLG, FLT2, Fms-like tyrosine kinase-2, kinase FGFR1, MFR NCBI Gene Symbol: FGFR1
Molecular Weight:	91 kDa
Gene ID:	2260
OMIM:	101600
UniProt:	P11362
Pathways:	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:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.264887 (NCBI Gene Symbol: FGFR1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with Insulin 0.01U/ml 15', using FGFR1 (Phospho-Tyr654) Antibody. The lane on the right is treated with the synthesized peptide.

Immunofluorescence

Image 2. Immunofluorescence analysis of COS7 cells, using FGFR1 (Phospho-Tyr654) Antibody. The picture on the right is treated with the synthesized peptide.