

Product Name: Phospho-FGFR1 (Tyr654) Rabbit Polyclonal Antibody
Catalog #: APRab03388

Summary

Production Name	Phospho-FGFR1 (Tyr654) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	FGFR1 FGFR1; BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; Fibroblast growth factor receptor 1;
Alternative Names	FGFR-1; Basic fibroblast growth factor receptor 1; BFGFR; bFGF-R-1; Fms-like tyrosine kinase 2; FLT-2; N-sam; Proto-oncogene c-Fgr; CD antigen CD331
Gene ID	2260
SwissProt ID	P11362

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 92 kDa; Observed MW: 120 kDa

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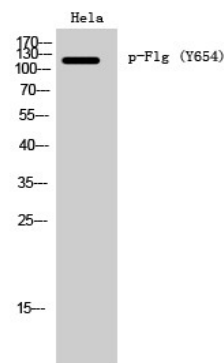
Background

Fibroblast growth factors (FGFs) produce mitogenic and angiogenic effects in target cells by signaling through cell surface receptor tyrosine kinases. Each receptor contains an extracellular ligand binding domain, a transmembrane domain, and a cytoplasmic kinase domain. Following ligand binding and dimerization, the receptors are phosphorylated at specific tyrosine residues. Seven tyrosine residues in the cytoplasmic tail of FGFR1 can be phosphorylated: Tyr463, 583, 585, 653, 654, 730, and 766.

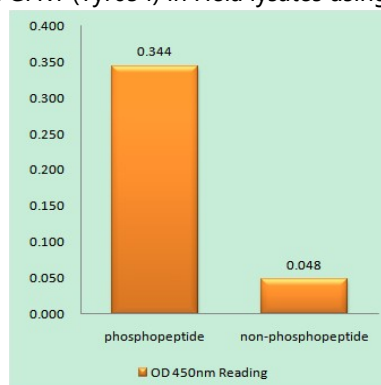
Research Area

Cardiovascular

Image Data

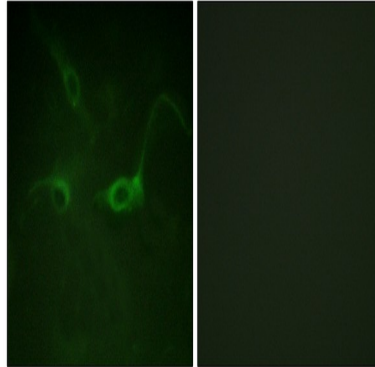


Western blot analysis of Phospho-FGFR1 (Tyr654) in HeLa lysates using Phospho-FGFR1 (Tyr654) antibody.

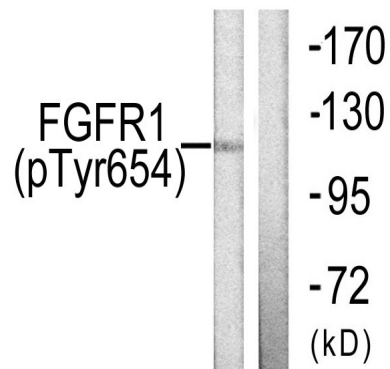


EnzymeLinked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phospho-peptide (Phospho-left) and NonPhospho-peptide (Phospho-right), using FGFR1 (Phospho-Tyr654) antibody.

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Immunofluorescence analysis of Phospho-FGFR1 (Tyr654) in COS7 cells using FGFR1 (Phospho-Tyr654) antibody. The picture on the right is blocked with the Phospho- peptide.



Western blot analysis of Phospho-FGFR1 (Tyr654) in 293 lysates treated with Insulin using Phospho-FGFR1 (Tyr654) antibody. The lane on the right is blocked with the Phospho- peptide.

Note

For research use only.