

FGF Receptor 1(Ab-154) Antibody

Catalog No: #21231

Package Size: #21231-1 50ul #21231-2 100ul

Orders: order@signalwayantibody.com

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Description

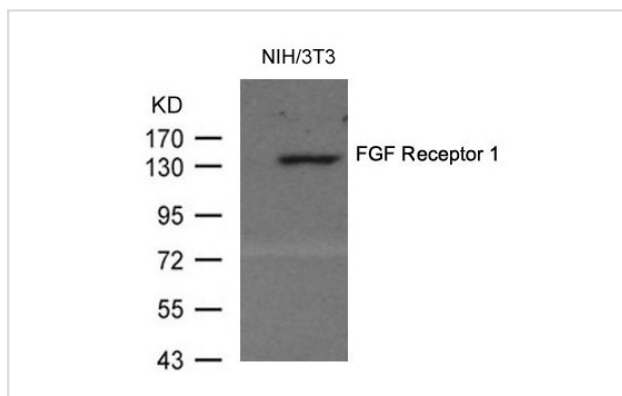
Product Name	FGF Receptor 1(Ab-154) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total FGF Receptor 1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.152~156 (A-P-Y-W-T) derived from Human FGF Receptor 1.
Target Name	FGF Receptor 1
Other Names	FGFBR; FGFR-1; FGR1; FLG; FLT2
Accession No.	Swiss-Prot: P08581NCBI Protein: NP_001167534.1
Uniprot	P08581
GeneID	4233;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 145kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 3T3 cells using FGF Receptor 1(Ab-154) Antibody #21231 and the same antibody preincubated with blocking peptide.

Background

FGF encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described.

Wu X, et al. (2001) *Acta Obstet Gynecol Scand.* 80(6):497-504.

Faraone D, et al. (2006) *Blood.* 107(5):1896-902.

Claus P, et al. (2004) *Neurosci Lett.* 360(3):117-20.

Note: This product is for in vitro research use only