

#21231

FGF Receptor 1 (Ab-154) Antibody

Catalog: #21231-1 50µl **Orders:** order@signalwayantibody.com
#21231-2 100µl **Support:** tech@signalwayantibody.com
Storage: Store at -20°C/1 year **Web:** www.signalwayantibody.com



| Application | Species Reactivity | Source | Molecular Wt. |
|-------------|--------------------|---------------------|---------------|
| WB | Human Mouse Rat | Rabbit Polyconal Ab | 145KD |

Description: Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Specificity: The antibody detects endogenous level of total FGF Receptor 1 protein.

Immunogen: Peptide sequence around aa.152~156 (A-P-Y-W-T) derived from Human FGF Receptor 1.

Formulation: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Synonyms: FGFBR FGFR-1 FGR1 FLG FLT2

Accession No.: Swiss-Prot#: P08581 NCBI Gene#: 2260
NCBI Protein#: NP_001167534.1

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.

References:

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.

Citation:

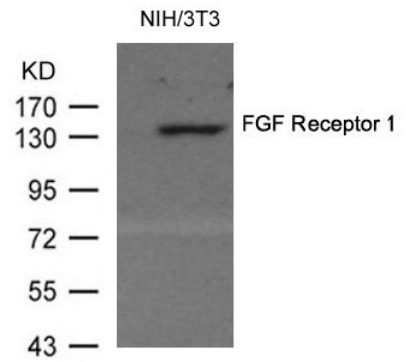
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Related Pathway: Receptors

Note: For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.

Recommended Dilutions:

Western blotting 1:500~1:1000



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