Product Name: FGFR-5 Rabbit Polyclonal Antibody
Catalog #: APRab10951

Summary

Production Name	FGFR-5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
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% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	FGFRL1
Alternative Names	FGFRL1; FGFR5; FHFR; Fibroblast growth factor receptor-like 1; FGF receptor-like protein 1; FGF homologous factor receptor; FGFR-like protein; Fibroblast growth factor receptor 5; FGFR-5
Gene ID	53834.0
SwissProt ID	Q8N441.Synthesized peptide derived from FGFR-5 . at AA range: 130-210

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	54kD

Background

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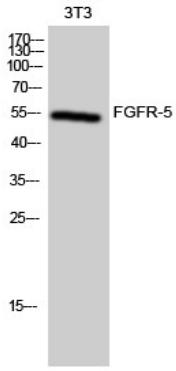
The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist 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. A marked difference between this gene product and the other family members is its lack of a cytoplasmic tyrosine kinase domain. The result is a transmembrane receptor that could interact with otherfunction:Has a negative effect on cell proliferation.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Predominantly localized in the plasma membrane but also detected in the Golgi and in secretory vesicles.,subunit:Interacts with FGF2 with a low affinity.,tissue specificity:Expressed preferentially in cartilaginous tissues and pancreas. Highly expressed in the liver, kidney, heart, brain and skeletal muscle. Weakly expressed in the lung, small intestine and spleen.,

Research Area

Image Data



Western Blot analysis of 3T3 cells using FGFR-5 Polyclonal Antibody

Note

For research use only.