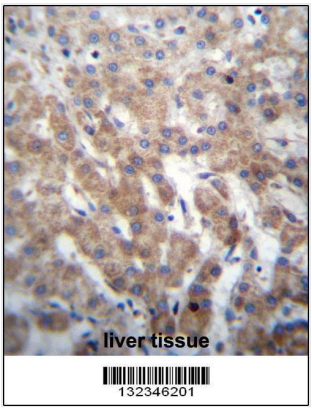
FGFRL1 Antibody – Rabbit Polyclonal

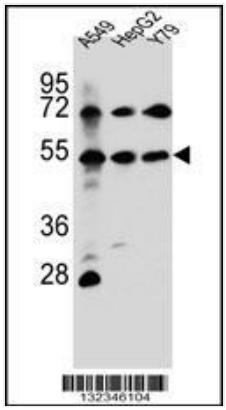
PRODUCT OVERVIEW

Product Name	FGFRL1, Polyclonal Antibody
Full Product Name	FGFRL1, NT (FGFRL1, FGFR5, FHFR, Fibroblast growth factor receptor-like 1, FGF homologous factor receptor, FGFR-like protein, Fibroblast growth factor receptor 5)
Product Gene Name	anti-FGFRL1 antibody
Product Synonym Names	Anti -FGFRL1, NT (FGFRL1, FGFR5, FHFR, Fibroblast growth factor receptor-like 1, FGF homologous factor receptor, FGFR-like protein, Fibroblast growth factor receptor 5)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	54,537 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (1004712..1020686). Location: 4p16
OMIM	605830
3D Structure	ModBase 3D Structure for Q8N441
Immunogen	FGFRL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-168 amino acids from the N-terminal region of human FGFRL1.
Product Categories/Family for anti-FGFRL1 antibody	Antibodies; Abs to Growth Factors; Cytokines
Applications Tested/Suitable for anti-FGFRL1 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-FGFRL1 antibody	Suitable for use in Western Blot, Immunohistochemistry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:10-50

Related Product Information for anti-FGFRL1 antibody	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 other family members and potentially inhibit signaling. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene.
Other Notes	Small volumes of anti-FGFRL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FGFRL1 purchase	MBS6000728 is an antibody targeting FGFRL1. Also known as FGFRL1, NT (FGFRL1, FGFR5, FHFR, Fibroblast growth factor receptor-like 1, FGF homologous factor receptor, FGFR-like protein, Fibroblast growth factor receptor 5). Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-FGFRL1 antibody
FGFRL1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FGFRL1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blot (WB) of anti-FGFRL1 antibody
FGFRL1 Antibody (N-term) western blot analysis in A549,HepG2,Y79 cell line lysates (35ug/lane).This demonstrates the FGFRL1 antibody detected the FGFRL1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGFRL1. It may not necessarily be applicable to this product.

NCBI GI #	51988912
NCBI GeneID	53834
NCBI Accession #	NP_001004356.1
UniProt Primary Accession #	Q8N441
UniProt Secondary Accession #	Q6PJN1; Q9BXN7; Q9H4D7; B2RAU9
UniProt Related Accession #	Q8N441
GenBank Nucleotide #	NM_001004356.2
NCBI Official Full Name	fibroblast growth factor receptor-like 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor-like 1
NCBI Official Symbol	FGFRL1
NCBI Official Synonym Symbols	FHFR; FGFR5
UniProt Protein Name	Fibroblast growth factor receptor-like 1

UniProt Synonym Protein Names	FGF homologous factor receptor; FGFR-like protein; Fibroblast growth factor receptor 5
Protein Family	Fibroblast growth factor receptor
UniProt Gene Name	FGFRL1
UniProt Synonym Gene Names	FGFR5; FHFR; FGF receptor-like protein 1; FGFR-5
UniProt Entry Name	FGRL1_HUMAN
NCBI Protein Information	fibroblast growth factor receptor-like 1; FGFR-5; FGFR-like protein; FGF receptor-like protein 1; FGF homologous factor receptor; fibroblast growth factor receptor 5
UniProt Comments for FGFRL1	FGFRL1: Has a negative effect on cell proliferation. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 4p16 Cellular Component: Golgi apparatus; transport vesicle; plasma membrane; integral to membrane Molecular Function: heparin binding; fibroblast growth factor binding; fibroblast growth factor receptor activity Biological Process: negative regulation of cell proliferation; fibroblast growth factor receptor signaling pathway; protein heterooligomerization; skeletal development; protein homooligomerization Disease: Wolf-hirschhorn Syndrome
Research Articles on FGFRL1	**1.** Interaction of FGFRL1 with Spred1 increases the proportion of the receptor at the plasma membrane.
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