

## Product datasheet for **TA308002**

### FGFRL1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment contain a sequence corresponding to a region within amino acids 150 and 476 of FGFR5 (Uniprot ID#Q8N441)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	fibroblast growth factor receptor-like 1
Database Link:	<a href="#">NP_001004358</a> <a href="#">Entrez Gene 116701 MouseEntrez Gene 360903 RatEntrez Gene 53834 Human Q8N441</a>



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**Background:**

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. [provided by RefSeq]

**Synonyms:**

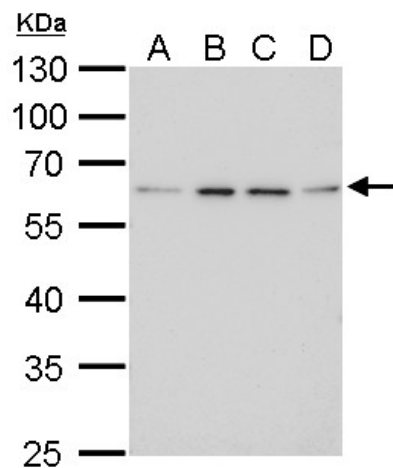
FGFR5; FHFR

**Note:**

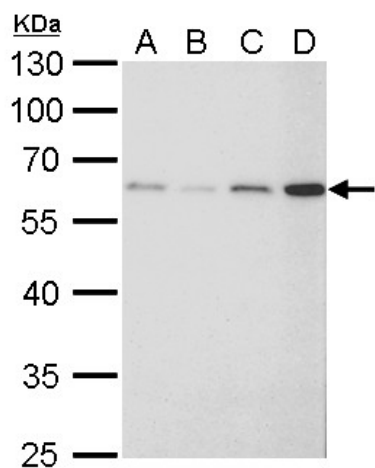
Seq homology of immunogen across species: Mouse (88%), Rat (89%)

**Protein Families:**

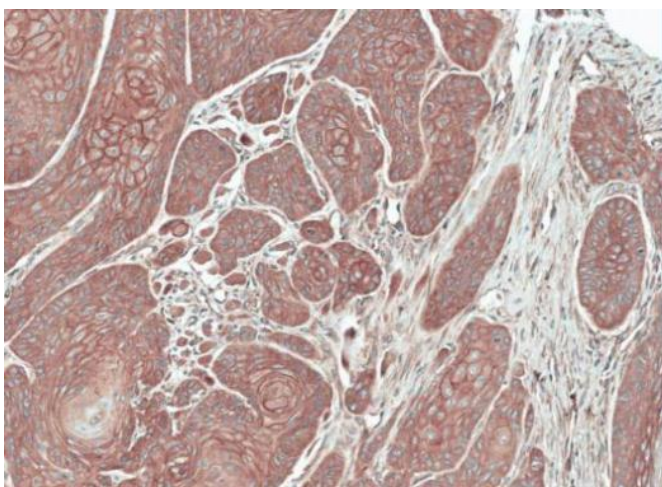
Druggable Genome, Transmembrane

**Product images:**

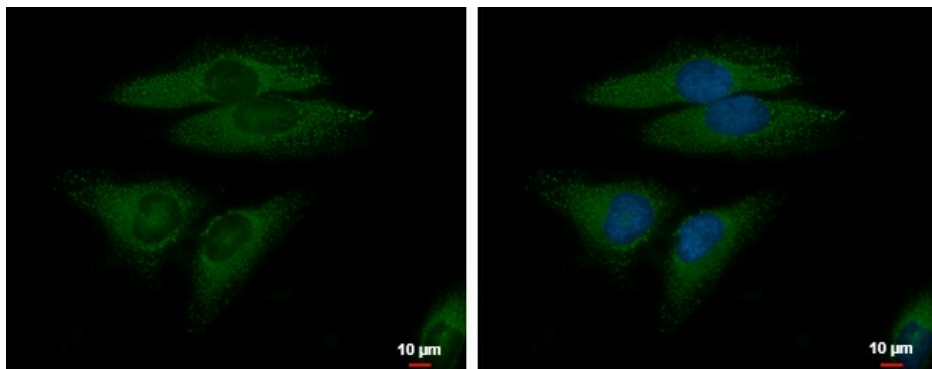
FGFR-5 antibody detects FGFR-5 protein by Western blot analysis. A. 30 ug Jurkat whole cell lysate/extract. B. 30 ug Raji whole cell lysate/extract. C. 30 ug K562 whole cell lysate/extract. D. 30 ug NCI-H929 whole cell lysate/extract. 10 % SDS-PAGE. FGFR-



FGFR-5 antibody detects FGFR-5 protein by Western blot analysis. A. 30 ug 293T whole cell lysate/extract. B. 30 ug A431 whole cell lysate/extract. C. 30 ug HeLa whole cell lysate/extract. D. 30 ug HepG2 whole cell lysate/extract. 10 % SDS-PAGE. FGFR-5 ant



Immunohistochemical analysis of paraffin-embedded Oral CA Cal27 xenograft, using FGFR1 (TA308002) antibody at 1:100 dilution.



FGFR-5 antibody detects FGFR-5 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: FGFR-5 protein stained by FGFR-5 antibody (TA308002) diluted at 1:500. Blue: Hoechst 33342 sta