

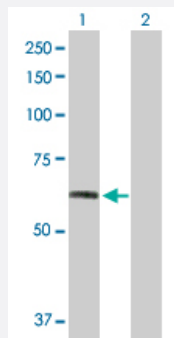
MaxPab®

FGFR1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002260-D01P

Size 100 ug

Applications

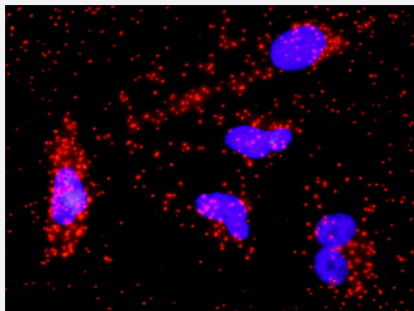


Western Blot (Transfected lysate)

Western Blot analysis of FGFR1 expression in transfected 293T cell line ([H00002260-T03](#)) by FGFR1 MaxPab polyclonal antibody.

Lane 1: FGFR1 transfected lysate(81.90 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FGFR1 and CTNNB1. HeLa cells were stained with anti-FGFR1 rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FGFR1 protein.

Immunogen

FGFR1 (NP_075594.1, 1 a.a. ~ 731 a.a) full-length human protein.

Sequence

MWSWKCLLFWAVLVLTATLCTARPSPTLPEQDALPSSSEDDDDDDSSSEEKETDNTKPNPVAPY
WTSPEKMEKKLHAVPAAKTVKFKCPSSGTPNPTLRWLKNGKEFKPDHRIGGYKVRYATWSIIMDS
VVPSDKGNYTCIVENEYGSINHTYQLDVVERSHPRPILQAGLPANKTVALGSNVEFMCKVYSDPQ
PHIQWLKHIEVNGSKIGPDNLPYVQILKTAGVNTTDKEMEVLHLRNVSFEDAGEYTCLAGNSIGLSH
HSAWLTVLEALEERPAVMTSPLYLEIIYCTGAFLISCMVGSVIVYKMKSGTKKSDFHSQMAVHKLA
KSIPLRRQVTVSADSSASMNSGVLLVRPSRLSSSGTPMLAGVSEYELPEDPRWELPRDRLVLGK
PLGEGCFGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDATEKDLSDLISEMEMMMKMGKHKNINLL
GACTQDGPLYVMEYASKGNLREYLQARRPPGLECYNPSPHNPEEQLSKDLVSCAYQVARGME
YLASKKCIHRDLAARNVLVTDENVMKIADFGLARDIHHIDYKKTNGRLPVKWMAPEALFDRIYTH
QSDVWSFGVLLWEIFTLGGSPYPGVPVEELFKLLKEGHRMDKPSNCTNELYMMMRDCWHAVPS
QRPTFKQLVEDLDRVALTSNQEYLDLSMPLDQYSPSPDPTRSSSTCSSGEDSVFSHEPLPEEPCL
PRHPAQLANGGLKRR

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — FGFR1

Entrez GeneID

[2260](#)

GeneBank Accession#

[NM_023106.2](#)

Protein Accession#

[NP_075594.1](#)

Gene Name	FGFR1
Gene Alias	BFGFR, CD331, CEK, FGFR, FLG, FLJ99988, FLT2, HBGFR, KAL2, N-SAM
Gene Description	fibroblast growth factor receptor 1
Omim ID	101600 123150 136350 147950
Gene Ontology	Hyperlink
Gene Summary	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 consists 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. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Chromosomal aberrations involving this gene are associated with stem cell myeloproliferative disorder and stem cell leukemia lymphoma syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]
Other Designations	FMS-like tyrosine kinase 2 OTTHUMP00000190874 OTTHUMP00000190878 OTTHUMP00000190879 OTTHUMP00000190881 basic fibroblast growth factor receptor 1 fms-related tyrosine kinase 2 fms-related tyrosine kinase-2 heparin-binding growth factor receptor hydroxyaryl

Pathway

- [Adherens junction](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Abnormalities](#)

- [Acrocephalosyndactylia](#)
- [Alzheimer disease](#)
- [Amenorrhea](#)
- [Anodontia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
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- [Chromosome Aberrations](#)
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