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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGFR2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002263-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human FGFR2 protein.

Immunogen: FGFR2 (NP_000132.1, 1 a.a. ~ 821 a.a) full-length human protein.

Sequence:
MVSWGRFICLVVMTMATLSLARPSFSLVEDTTLEPEEPPTKYQISQPEVY
VAAPGESLEVRCLLKDAAVISWTKDGVHLGPNRRTLIGEYLQIKGATPR
DSGLYACTASRTVDSETWYFMVNVTDAISSGDEDDTDGAEDFVSENS
NNKRAPYWTNTEKMEKRLHAVPAANTVKFRCPAGGNPMPMTRWLKNG
KEFKQEHRIGGYKVRNQHWSLIMESVVPDCKGNYTCVENEYGSINHTYH
LDVVERSPHRPILQAGLPANASTVVGGDVEFVCKVYSDAQPHIQWIKHVE
KNGSKYGPDGLPYLKVLKAAGVNTTDEIEVLYIRNVTFEDAGEYTCLAG
NSIGISFHSAWLTVLPAPGREKEITASPDYLEIAIYCIGVFLIACMVTVILCR
MKNNTTKKPDFSSQPAVHKLTKRIPLRRQVTVSAESSSSMNSNTPLVRITT
RLSSTADTPMLAGVSEYELPEDPKWEPFRDKLTLGKPLGEGCFGQVVM
AEAVGIDKDKPKEAVTVAVKMLKDDATEKDLSDLVSEMEMMKMIGKHKNII
NLLGACTQDGPLYVIVEYASKGNLREYLARRPPGMEYSYDINRVPEEQ
MTFKDLVSCYQLARGMEYLASQKCIHRDLAARNVLTENNVMKIADFGL
ARDINNIDYYKTTNGRLPVKWMPEALFDRVYTHQSDVVSFGVLMWEI
FTLGGSPYPGIPVEELFKLLKEGHRMDKPANCTNELYMMMRDCWHAVP
SQRPTFKQLVEDLDRILTTLTNEEYLDLSQPLEQYSPSPDTRSSCSSG
DDSVFSPDPMPYEPCLPQYPHINGSVKT

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.

MSDS: [Download](#)

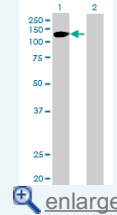
Datasheet: [Download](#)

Applications

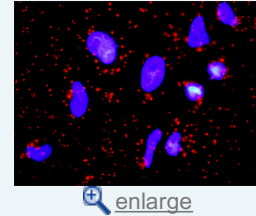
Western Blot (Transfected lysate)

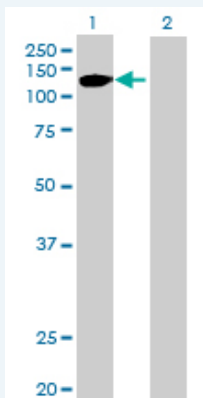
Application Image

Western Blot (Transfected lysate)



In situ Proximity Ligation Assay (Cell)



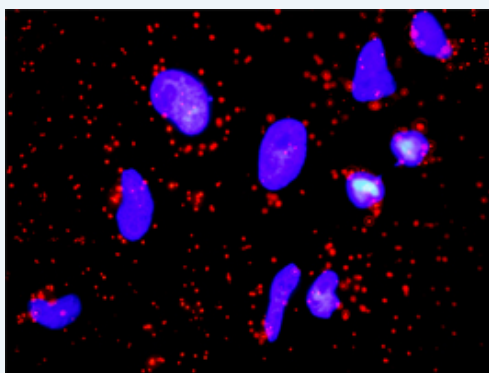


Western Blot analysis of FGFR2 expression in transfected 293T cell line ([H00002263-T01](#)) by FGFR2 MaxPab polyclonal antibody.

Lane 1: FGFR2 transfected lysate(92.00 KDa).
Lane 2: Non-transfected lysate.

Protocol Download

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between FGFR2 and FGF1. HeLa cells were stained with anti-FGFR2 rabbit purified polyclonal 1:1200 and anti-FGF1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [2263](#)

GeneBank [NM_000141.3](#)
Accession#:

Protein [NP_000132.1](#)
Accession#:

Gene Name: FGFR2

Gene Alias: BEK,BFR-1,CD332,CEK3,CFD1,ECT1,FLJ98662,JWS,K-SAM,KGFR,TK14,TK25

Gene Description: fibroblast growth factor receptor 2

Omim ID: [101200](#), [101400](#), [101600](#), [123150](#), [123500](#), [123790](#), [137215](#), [149730](#), [176943](#), [207410](#)

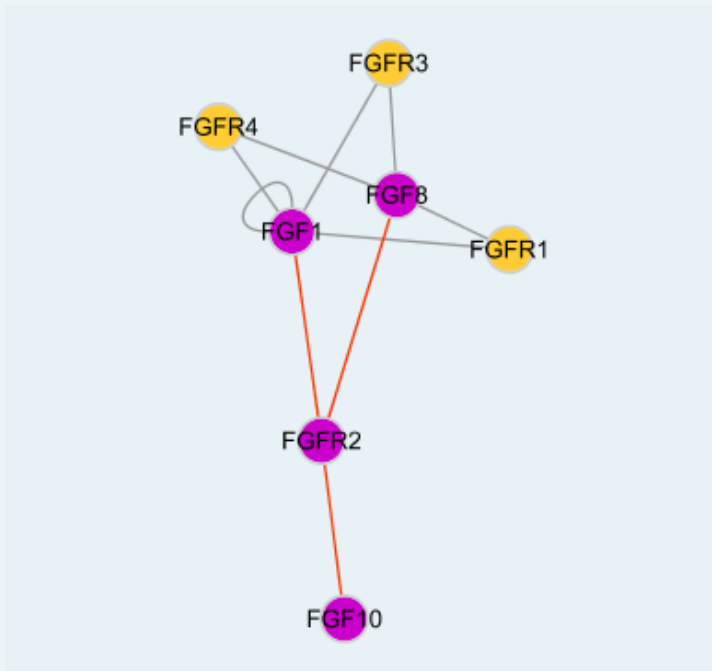
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor receptor 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 is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis. Multiple alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]

Other Designations: BEK fibroblast growth factor receptor, FGF receptor, OTTHUMP00000020621, OTTHUMP00000020629, bacteria-expressed kinase, hydroxyaryl-protein kinase, keratinocyte growth factor receptor, protein tyrosine kinase, receptor like 14, soluble FGFR4 variant 4

Interactome



Gene Pathway

[Endocytosis](#) [MAPK signaling pathway](#) [Pathways in cancer](#) [Prostate cancer](#)
[Regulation of actin cytoskeleton](#)

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