

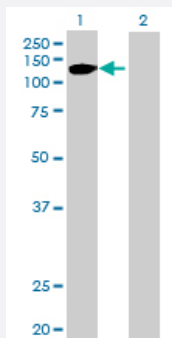
MaxPab®

FGFR2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002263-D01P

Size 100 ug

Applications

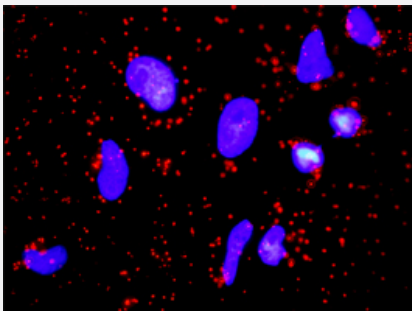


Western Blot (Transfected lysate)

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.



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).

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	MVSWGRFICLVVVTMATLSLARPSFSLVEDTTLEPEEPPTKYQISQPEVYVAAPGESLEVRCLLK DAAVISWTKDGVHLGPNNRTVLIGEYLQIKGATPRDSGLYACTASRTVDSETWYFMVNVTDAISSG DDEDDTDGAEDFVSENSNNKRAPYWTNTEKMEKRLHAVPAANTVKFRCPAGGNPMPTMRWLK NGKEFKQEHRIGGYKVRNQHWLIMESVVP SDKGNYTCV VENEYGSINHTYHLDVVERSHPHRLQ AGLPANASTVVGGDVEFVCKVYSDAQPHIQWIKHVEKNGSKYGPDGLPYLKV LKAAGVNNTDKEI EVLYIRNVTFEDAGEYTCLAGNSIGISFHSAWLTVLPAPGREKEITASPDYLEIAYCIGVFLIACMVVT VILCRMKNNTTKPDFSSQPAVHKLTKRIPLRRQVTVSAESSSSMNSNTPLVRITRRLSSTADTPML AGVSEYELPEDPKWEFPRDKLTLGKPLGEGCFGQVVM AEAVGIDKDKPKEAVTVAVKMLKDDA TEKDLSDLVSEMEMMKMIGKHKNINLLGACTQDGPLYVMEYASKGNLREYL RARRPPGMEYSYDI NRVPEEQMTFKDLVSC TYQLARGMEY LASQKCIHRDLAARNVLVTENNV MKIADFGLARDINNIDY YKKTNGRLPVKWM APEALFDRVYTHQSDVWSFGVLMWEIFTLGGSPYPGIPVEELFKLLKEGHR MDKPANCTNELYMMMRDCWHAVPSQRPTFKQLVEDLDRILTLTNEEYLDLSQPLEQYSPSYPD TRSSCSSGDDSVFSPDPMPYEPCLPQYPHINGSVKT
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
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 — FGFR2

Entrez GeneID [2263](#)

GeneBank Accession#	NM_000141.3
Protein Accession#	NP_000132.1
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

Pathway

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

Disease

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- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
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