

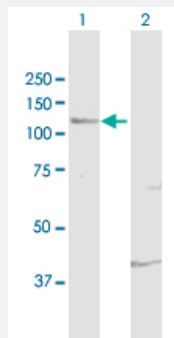
MaxPab®

FUK purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00197258-D01P

Size 100 ug

Applications

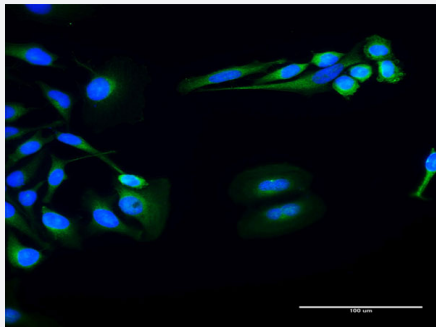


Western Blot (Transfected lysate)

Western Blot analysis of FUK expression in transfected 293T cell line () by FUK MaxPab polyclonal antibody.

Lane 1: FUK transfected lysate(117.60 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FUK on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

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

Immunogen

FUK (NP_659496.2, 1 a.a. ~ 1084 a.a) full-length human protein.

Sequence

MEQPKGVDWTVIILTCQYKDSVQVFQRELEVRQKREQIPAGTLLLAVEDPEKRVGSGGATLNALL
VAAEHL SARAGFTVVTSDVLHSAWILILHMGRDFPFDDCGRAFTCLPVENPEAPVEALVCNLDCL
LDIMTYRLGPGSPPGVWVCSTDMLLSVPANPGISWDSFRGARVIALPGSPAYAQNHGVYLTDPQ
GLVLDIYYQGTEAEIQRCVRPDGRVPLVSGVVFFSVETAERLLATHVSPPLDACTYLGLDSGARPV
QLSLFFDILHCMAENV TREDFLVGRPPELGQGDADVAGYLSARAQLWREL RDQPLTMAYVSSG
SYSYMTSSASEFLLSLTLP GAPGAQVHSQVEEQQLLAAGSSVVSC LLEGPVQLGPGSVLQHCHL
QGPIHIGAGCLVTGLDTAHSKALHGREL RDLVLQGHHTRLHGSPGHAF TLVGRLD SWERQGAGTY
LNPWSEFFKRTGVRAWDLWDPETLPAEYCLPSARLFPVLHPSRELGPQDLLWMLDHQEDGG
EALRAWRASWRLSWEQLQPCLDRAATLASRRDLFFRQALHKARHVLEARQDLSLRPLWAAVR
EGCPGPLLATLDQVAAGAGDPGVAARALACVADVLGCMAEGRGGLRSGPAANPEWMRPFSYL
ECGDLAAGVEALAQERDKWLSRPALLVRAARHYEGAGQILIRQAVMSAQHFVSTEQVELPGPGQ
WVVAECPARVDFSGGWS DTPPLAYELGGAVLGLAVRVDGRRPIGARARRIPEPELWLAVGPRQ
DEMTVKMCRCLADLRDYCQPHAPGALLKAAFICAGVHVHSELQLSEQLLRTFGGGFELHTWSEL
PHGSGLTSSILAGTALAALQRAAGRVVGTEALIHAVLHLEQVLTGGGWQDQVGGLMPGIKVG R
SRAQLPLKVEVEEVTVP EGFVQKLNDHLLLVYTGKTRLARNLLQDVLRSWYARLPAVVQNAHSLV
RQTEECAEGFRQGS LPLL GQCLTSYWEQKKL MAPGCEPLTVRRMMDVLAPHVHGQSLAGAGG
GGFLYLLTKEPQQKEALEAVLAKTEGLGNYSIHLVEVDTQGLSLKLLGTEASTCCPFP

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)

Western Blot analysis of FUK expression in transfected 293T cell line () by FUK MaxPab polyclonal antibody.

Lane 1: FUK transfected lysate(117.60 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FUK on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — FUK

Entrez GeneID

[197258](#)

GeneBank Accession#

[NM_145059.2](#)

Protein Accession#	NP_659496.2
Gene Name	FUK
Gene Alias	1110046B12Rik, FLJ39408
Gene Description	fucokinase
Omim ID	608675
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and p hosphomevalonate) kinase family and catalyzes the phosphorylation of L-fucose to form beta-L-fucose 1-phosphate. This enzyme catalyzes the first step in the utilization of free L-fucose in glycoprotein and glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastasis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq]
Other Designations	L-fucose kinase OTTHUMP00000082728

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)