

DNAXPAb

Hard-to-Find
Antibody

FUK DNAXPab

Catalog # H00197258-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human FUK DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence

MEQPKGVDWTVIILTCQYKDSVQVFQRELEVRQKREQIPAGTLLLAVEDPEKRVGSGGATLNALL
VAAEHL SARAGFTVVTSDVLHSAWILILHMGRDFPFDDCGRAFTCLPVENPEAPVEALVCNLDCL
LDIMTYRLGPGSPPGVWVCSTDMLLSVPANPGISWDSFRGARVIALPGSPAYAQNHGVYLTDPQ
GLVLDIYYQGTEAEIQRVCVRPDGRVPLVSGVFFSVETAERLLATHVSPPLDACTYLGLDSGARPV
QLSLFFDILHCMAENVTRDFLVGRPPELGQGDADVAGYLSARAQLWREL RDQPLTMAYVSSG
SYSYMTSSASEFLLSLTLPGAPGAQMHSQVEEQQLLAAGSSVVSCLLEGPVQLGPGSVLQHCHL
QGPIHIGAGCLVTGLDTAHSKALHGREL RDLVLQGHHTRLHGSPGHAF TLVGRLD SWERQGAGTY
LNPWSEFFKRTGVRAWDLWDPETLPAEYCLPSARLFPVLHPSRELGPQDLLWMLDHQEDGG
EALRAWRASWRLSWEQLQPCLDRAATLASRRDLFFRQALHKARHVLEARQDLSLRPLWAAVR
EGCPGPLLATLDQVAAGAGDPGVAARALACVADVLGCMAEGRGGLRSGPAANPEWMRPFSYL
ECGDLAAGVEALAQERDKWLSRPALLVRAARHYEGAGQILIRQAVMSAQHFVSTEQVELPGPGQ
WVVAECPARVDFSGGWSDTPLAYELGGA VLGLAVRVDGRRPIGARARRIPEPELWLAVGPRQ
DEMTVKMCRCLADLRDYCQPHAPGALLKAAFCAGIVHVHSELQLSEQLLRTFGGGFELHTWSEL
PHGSGLTSSILAGTALAALQRAAGRVVGTEALIHAVLHLEQVLTGGGWQDQVGGLMPGIKVGR
SRAQLPLKVEVEEVTVPGEFVQKLNDHLLLVYTGKTRLARNLLQDVLRSWYARLPAVVQNAHSLV
RQTEECAEGFRQGSPLLGQCLTSYWEQKKLMAPGCEPLTVRRMMDVLAPHVHGQSLAGAGG
GGFLYLLTKEPQQKEALEAVLAKTEGLGNYSIHLVEVDTQGLSLKLLGTEASTCCPFP

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)