

Datasheet

FUK purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00197258-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse 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:

MEQPKGVDWTVIILTCQYKDSVQVFQRELEVRQKREQ
IPAGTLLLAVEDPEKRVGSGGATLNALLVAAEHLASARA
GFTVVTSDVLHSAWILILHMGRDFPFDDCGRAFTCLPV
ENPEAPVEALVCNLDCLLDIMTYRLGPGSPGVVWCS
TDMLLSVPANPGISWDSFRGARVIALPGSPAYAQNHG
VYLTDPQGLVLDIYYQGTEAEIQRCPDGRVPLVSGV
VFFSVETAERLLATHVSPPLDACTYLGLDSGARPVQLS
LFFDILHCMAENVTRDFLVGRPELGGQDADVAGYL
QSARAQLWREL RDQPLTMAYVSSGSYSYMTSSASEF
LLSLTLP GAPGAQIVHSQVEEQLLAAGSSVVSCLEGG
PVQLGPGSVLQCHLQGPIHIGAGCLVTGLDTAHSKAL
HGREL RDLVLQGHHTRLHGSPGHAFTLVGR LDSWER
QGAGTYLNPWSEFFKRTGVRAWDLWDPETLPAEYC
LPSARLFPVLHPSRELGPQDLLWMLDHQEDGGGEALRA
WRASWRLSWEQLQPCLDRAATLASRRDLFFRQALHK
ARHVLEARQDLSLRPLIWA AVREGCPG PLLATLDQVA
AGAGDPGVAARALACVADVLGCM AEGRGGLRSGPAA
NPEWMRPFSYLECGDLAAGVEALAQERDKWLSRPAL
LVRAARHYEGAGQILIRQAVMSAQHFVSTEQVELPGP
GQWVVAECPARVDFSGGWS DTPPLAYELGGAVLG LA
VRVDGRRPIGARARRIPEPELWLAVGPRQDEMTVKIV
CRCLADLRDYCQPHAPGALLKAAFCAGIVHVHSELQL
SEQLLRTFGGGFELHTWSELPHGSGGLGTSSILAGTALA
ALQRAAGR VVGTEALIHAVLHLEQVLT TGGGWQDQV
GGLMPGKIVGRSRAQLPLKVEVEEVTVPEGFVQKLN D
HLLL VYTGKTRLARNLLQDVLRSWYARLP AVVQNAHS
LVRQTEECAEGFRQGS LPLLGQCLTSYWEQKKL MAP
GCEPLTVRRMMDVLAPHVHGQSLAGAGGGGFLYLLT
KEPQQKEALEAVLAKTEGLGNYSIHLVEVD TQGLSLKL
LGTEASTCCPPF

Host: Mouse

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 197258

Gene Symbol: FUK

Gene Alias: 1110046B12Rik, FLJ39408

Gene Summary: The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and phosphomevalonate) 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]