

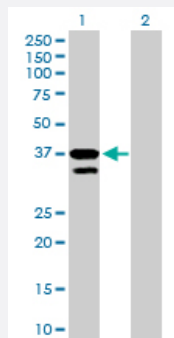
MaxPab®

MFNG purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004242-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MFNG expression in transfected 293T cell line ([H00004242-T01](#)) by MFNG MaxPab polyclonal antibody.

Lane 1: MFNG transfected lysate(35.31 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MFNG protein.
Immunogen	MFNG (NP_002396.2, 1 a.a. ~ 321 a.a) full-length human protein.
Sequence	MQCRLPRGLAGALLTLLCMGLLCLRYHLNLSPQRVQGTPELSQPNPGPPKLQLHDVFIQVKTTRA FHLRLLELLLDTWVSRTREQTFVFTDSPDKGLQERLGSHLVVTNCSAEHSHPALSCKMAAEFDT FLASGLRWFCVDDDDNYVNPRALLQLLRAFPLARDVYVGRPSLNRPIHASEPQPHNRTRLVQFW FATGGAGFCINRKLALKMAPWASGSRFMDTSALIRLPDDCTMGYIECKLGGRLQPSPLFHSLET LQLLRTAQLPEQVTLSYGVFEGKLNVIKLQGPFSPEEDPSRFRSLHCLLYPDTWPWCPQLGAR
Host	Mouse
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.

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[Protocol Download](#)

Gene Info — MFNG

Entrez GeneID [4242](#)

GeneBank Accession# [NM_002405.2](#)

Protein Accession# [NP_002396.2](#)

Gene Name MFNG

Gene Alias -

Gene Description MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase

Omim ID [602577](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the fringe gene family which also includes Radical and Lunatic fringe. They all encode evolutionarily conserved secreted proteins that act in the Notch receptor pathway to demarcate boundaries during embryonic development. While their genomic structure is distinct from other glycosyltransferases, fringe proteins have a fucose-specific beta1,3 N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling. [provided by RefSeq]

Other Designations O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase|OTTHUMP00000043697|OTTHUMP0000043698|OTTHUMP00000043700|beta-1,3-N-acetylglucosaminyltransferase manic fringe|manic fringe homolog

Pathway

- [Notch signaling pathway](#)

Disease

- [Asthma](#)