

DNAxPAb

Hard-to-Find
Antibody

MFNG DNAxPab

Catalog # H00004242-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MFNG DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQCRLPRGLAGALLTLLCMGLLCLRYHLNLSPQRVQGTPELSQPNPGPPKLQLHDVFIKVTTRA FHLRLLELLLDTWVSRTREQTFVFTDSPDKGLQERLGSHLVVTNCSAEHSHPALSCKMAAEFDT FLASGLRWFCVHDDNYVNPRALLQLLRAFLARDVYVGRPSLNRPIHASEPQPHNRTRLVQFW FATGGAGFCINRKLALKMAPWASGSRFMDTSALIRLPDDCTMGYIECKLGGRQLQPSPLFHSLET LQLLRTAQLPEQVTLSTYGVFEGKLVKLGPFSPEDPSRFRSLHCLLYPDTPWCPQLGAR
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 — 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](#)