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Product datasheet for TA346709

Manic Fringe (MFNG) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MFNG antibody: synthetic peptide directed towards the middle region of human MFNG. Synthetic peptide located within the following region: MAPWASGSRFMDTSALIRLPDDCTMGYIIECKLGGRLQPSPLFHSHLETL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
Database Link:	NP_002396 Entrez Gene 4242 Human O00587
Background:	This gene is a member of the fringe gene family which also includes radical and lunatic fringe genes. 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 beta-1,3-N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling. [provided by RefSeq, Oct 2009]

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Synonyms: 3-N-acetylglucosaminyltransferase manic fringe; beta-1; manic fringe homolog; MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; OTTHUMP00000043697; OTTHUMP00000043698; OTTHUMP00000043700

Note: Immunogen Sequence Homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 93%; Dog: 86%; Bovine: 79%

Protein Families: Druggable Genome

Protein Pathways: Notch signaling pathway

Product images:

WB Suggested Anti-MFNG Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate