

# Product datasheet for TA346709

## Manic Fringe (MFNG) Rabbit Polyclonal Antibody

### **Product data:**

#### **Product Type: Primary Antibodies** WB **Applications:** Recommended Dilution: WB **Reactivity:** Human Rabbit Host: Isotype: lgG **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 000587 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 fucosespecific 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]



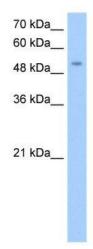
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Synonyms:	3-N-acetylglucosaminyltransferase manic fringe; beta-1; manic fringe homolog; MFNG O- fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; O-fucosylpeptide 3-beta-N- acetylglucosaminyltransferase; OTTHUMP00000043697; OTTHUMP00000043698; OTTHUMP00000043700
Note:	lmmunogen 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
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### **Product images:**



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

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