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Mfng antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12573

Product Information

Application	WB
Primary Accession	O09008
Other Accession	NM_008595, NP_032621
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36200

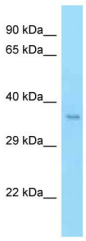
Additional Information

Gene ID	17305
Alias Symbol	AW546563
Other Names	Beta-1, 3-N-acetylglucosaminyltransferase manic fringe, 2.4.1.222, O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase, Mfng
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Mfng antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Mfng antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Mfng {ECO:0000312|MGI:MGI:1095404}
Function	Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules (PubMed:10935626). Modulates NOTCH1 activity by modifying O-fucose residues at specific EGF-like domains resulting in inhibition of NOTCH1 activation by JAG1 and enhancement of NOTCH1 activation by DLL1 via an increase in its binding to DLL1 (PubMed:10935626, PubMed:28089369).
Cellular Location	Golgi apparatus membrane; Single- pass type II membrane protein

Images



WB Suggested Anti-Mfng Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.