

# Mfng antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12573

## Product Information

Application	WB
Primary Accession	<a href="#">O09008</a>
Other Accession	<a href="#">NM_008595</a> , <a href="#">NP_032621</a>
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

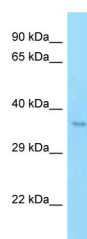
Gene ID	17305
Alias Symbol	AW546563
Other Names	Beta-1, 3-N-acetylglucosaminyltransferase manic fringe, 2.4.1.222, O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase, Mfng
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	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: <a href="#">10935626</a> ). 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: <a href="#">10935626</a> , PubMed: <a href="#">28089369</a> ).
Cellular Location	Golgi apparatus membrane; Single-pass type II membrane protein

## Images

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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'.