

Lunatic Fringe Polyclonal Antibody

Catalog # AP70788

Specification

Lunatic Fringe Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>O8NES3</u> Human, Mouse, Rat Rabbit Polyclonal

Lunatic Fringe Polyclonal Antibody - Additional Information

Gene ID 3955

Other Names LFNG; Beta-1; 3-N-acetylglucosaminyltransferase lunatic fringe; O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

Lunatic Fringe Polyclonal Antibody - Protein Information

Name LFNG (HGNC:6560)

Function

Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. 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 (By similarity). Decreases the binding of JAG1 to NOTCH2 but not that of DLL1 (PubMed:11346656). Essential mediator of somite segmentation and patterning (By similarity).

Cellular Location

Golgi apparatus {ECO:0000250|UniProtKB:009010}. Golgi apparatus membrane; Single-pass type II membrane protein

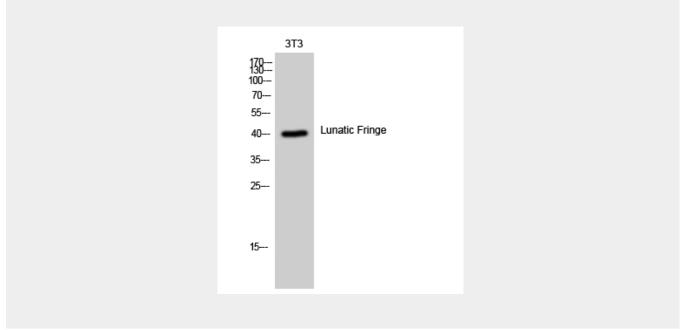
Lunatic Fringe Polyclonal Antibody - Protocols



Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Lunatic Fringe Polyclonal Antibody - Images



Lunatic Fringe Polyclonal Antibody - Background

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