

Lunatic Fringe Polyclonal Antibody
Catalog # AP70788**Specification**

Lunatic Fringe Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8NES3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	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

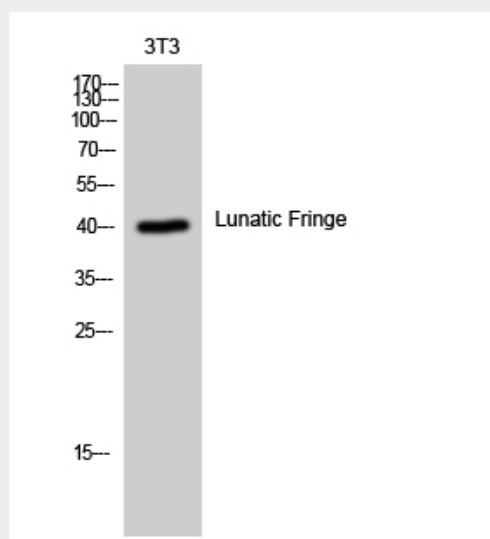
Golgi apparatus {ECO:0000250|UniProtKB:O09010}. Golgi apparatus membrane; Single-pass type II membrane protein

Lunatic Fringe Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Lunatic Fringe Polyclonal Antibody - Images



Lunatic Fringe Polyclonal Antibody - Background

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