

Manic Fringe Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05198
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MFNG. AA range:61-110
Mol wt	36202
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Manic Fringe Antibody
Synonyms	MFNG; Beta-1; 3-N-acetylglucosaminyltransferase manic fringe; O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MFNG 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 fucose-specific beta-1,3-N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling.

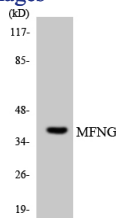
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from HepG2 cells using MFNG antibody.

Storage

-20°C for one year