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NDN Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant NDN.
Catalog # AT2989a

Product Information

Application	WB
Primary Accession	Q99608
Other Accession	NM_002487
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2D11
Calculated MW	36086

Additional Information

Gene ID	4692
Other Names	Necdin, NDN
Target/Specificity	NDN (NP_002478, 222 a.a. ~ 321 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NDN Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

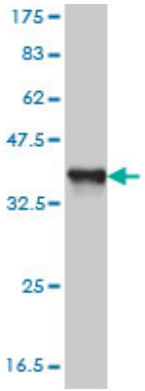
This intronless gene is located in the Prader-Willi syndrome deletion region. It is an imprinted gene and is expressed exclusively from the paternal allele. Studies in mouse suggest that the protein encoded by this gene may suppress growth in postmitotic neurons.

References

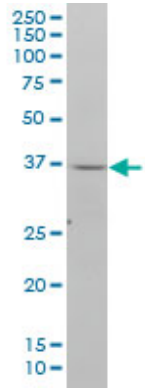
Necdin: a multi functional protein with potential tumor suppressor role? Chapman EJ, et al. Mol Carcinog, 2009 Nov. PMID 19626646.[Regulation of neuronal development by the imprinted gene Necdin] Yoshikawa K. No To Hattatsu, 2009 May. PMID 19517793.Nogo-A inhibits necdin-accelerated neurite outgrowth by retaining necdin in the cytoplasm. Liu X, et al. Mol Cell Neurosci, 2009 May. PMID 19386232.A common

variant in DRD3 receptor is associated with autism spectrum disorder. de Krom M, et al. Biol Psychiatry, 2009 Apr 1. PMID 19058789.Multiple genetic variants along candidate pathways influence plasma high-density lipoprotein cholesterol concentrations. Lu Y, et al. J Lipid Res, 2008 Dec. PMID 18660489.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.11 KDa) .



NDN monoclonal antibody (M07), clone 2D11 Western Blot analysis of NDN expression in U-2 OS ((Cat # AT2989a)

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