

NDN Antibody (monoclonal) (M07)

36086

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

Additional Information

Calculated MW

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

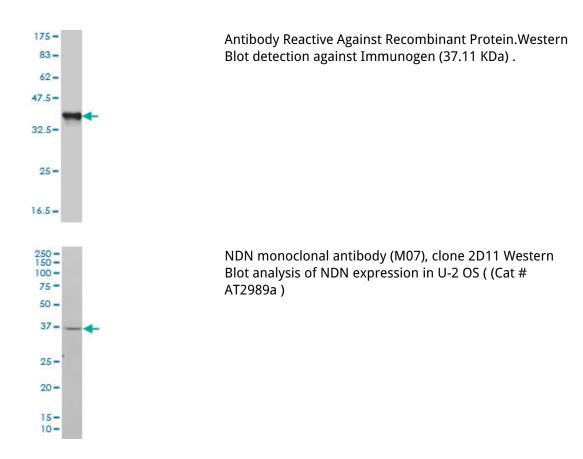
This intronless gene is located in the Prader-Willi syndrome deletion region. It is an imprinted gene and is expressed exclusively from the paternal allele. Studies in mouse suggest that the protein encoded by this gene may suppress growth in postmitotic neurons.

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. | Lipid Res, 2008 Dec. PMID 18660489.

Images



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