

Datasheet for ABIN518218
anti-NDN antibody (AA 222-321)

7 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NDN
Binding Specificity:	AA 222-321
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NDN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant NDN.
Immunogen:	NDN (NP_002478, 222 a.a. ~ 321 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	WKKHSTFGDV RKLITEEFVQ MNYLKYQRVP YVEPPEYEFF WGSRASREIT KMQIMEFLAR VFKKDPQAWP SRYREALLEE RALREANPTA HYPRSSVSED
Clone:	1B3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	NDN
Alternative Name:	NDN (NDN Products)
Background:	Full Gene Name: necdin homolog (mouse) Synonyms: HsT16328,PWCR
Gene ID:	4692
NCBI Accession:	NM_002487
Pathways:	Neurotrophin Signaling Pathway

Application Details

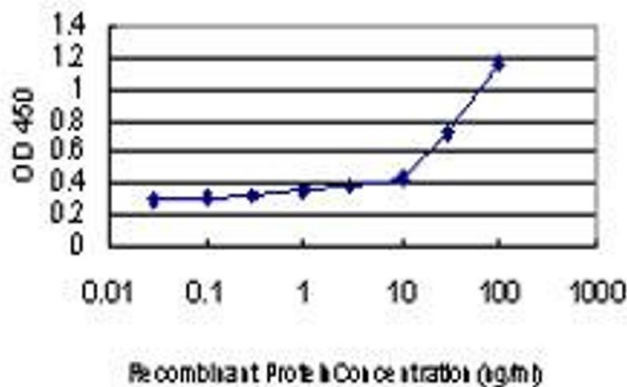
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

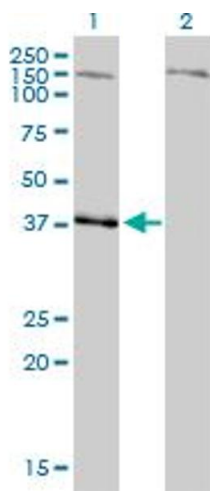
Publications

Product cited in:	François, DOrlando, Fatone, Touvier, Pessina, Meneveri, Brunelli: "Necdin enhances myoblasts survival by facilitating the degradation of the mediator of apoptosis CCAR1/CARP1." in: PLoS ONE , Vol. 7, Issue 8, pp. e43335, (2012) (PubMed).
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ELISA

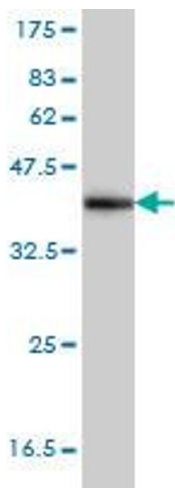
Image 1. Detection limit for recombinant GST tagged NDN is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot analysis of NDN expression in transfected 293T cell line by NDN monoclonal antibody (M02), clone 1B3.

Lane 1: NDN transfected lysate (36.1 KDa).
Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.11 KDa).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN518218.