.-online.com antibodies

Datasheet for ABIN7161257 anti-NCDN antibody (AA 403-516)

3 Images



Overview

Quantity:	100 µg
Target:	NCDN
Binding Specificity:	AA 403-516
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCDN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Neurochondrin protein (403-516AA)
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	NCDN
Alternative Name:	NCDN (NCDN Products)
Background:	Background: Probably involved in signal transduction, in the nervous system, via increasing cell
	surface localization of GRM5 and positively regulating its signaling (By similarity). Required for

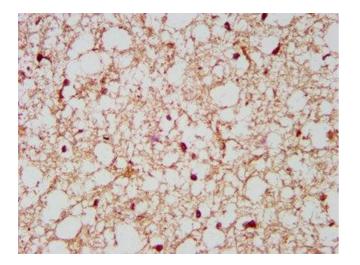
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7161257 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details

	the spatial learning process. Acts as a negative regulator of Ca(2+)-calmodulin-dependent
	protein kinase 2 (CaMK2) phosphorylation. May play a role in modulating melanin-
	concentrating hormone-mediated functions via its interaction with MCHR1 that interferes with
	G protein-coupled signal transduction. May be involved in bone metabolism. May also be
	involved in neurite outgrowth.
	Aliases: NCDN antibody, KIAA0607 antibody, Neurochondrin antibody
UniProt:	Q9UBB6

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

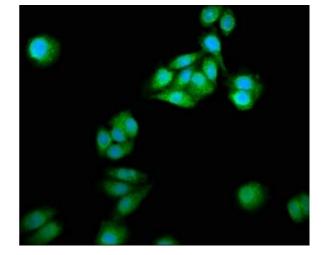


Immunohistochemistry

Image 1. IHC image of ABIN7161257 diluted at 1:500 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, U251 whole cell lysate, Rat brain tissue All lanes: NCDN antibody at 2.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 79, 78, 80 kDa Observed band size: 79 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7161257 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7161257 | 09/10/2023 | Copyright antibodies-online. All rights reserved.