antibodies.com

Datasheet for ABIN6244172 anti-NDEL1 antibody (AA 178-213)

Image



Overview

Quantity:	400 µL
Target:	NDEL1
Binding Specificity:	AA 178-213
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDEL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NDEL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 178-213 amino acids from the Central region of human NDEL1.
Clone:	RB50842
lsotype:	Ig Fraction
Predicted Reactivity:	C, Pr, Rb, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NDEL1
Alternative Name:	NDEL1 (NDEL1 Products)

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 ABIN6244172 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details

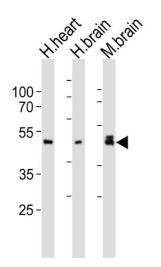
Background:	Required for organization of the cellular microtubule array and microtubule anchoring at the
	centrosome. May regulate microtubule organization at least in part by targeting the microtubule
	severing protein KATNA1 to the centrosome. Also positively regulates the activity of the minus-
	end directed microtubule motor protein dynein. May enhance dynein-mediated microtubule
	sliding by targeting dynein to the microtubule plus ends. Required for several dynein- and
	microtubule-dependent processes such as the maintenance of Golgi integrity, the centripetal
	motion of secretory vesicles and the coupling of the nucleus and centrosome. Also required
	during brain development for the migration of newly formed neurons from the
	ventricular/subventricular zone toward the cortical plate. Plays a role, together with DISC1, in
	the regulation of neurite outgrowth. Required for mitosis in some cell types but appears to be
	dispensible for mitosis in cortical neuronal progenitors, which instead requires NDE1.
	Facilitates the polymerization of neurofilaments from the individual subunits NEFH and NEFL.
Molecular Weight:	38375

Wolceular Weight.	
UniProt:	Q9GZM8
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

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 2/3 | Product datasheet for ABIN6244172 | 09/10/2023 | Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. Western blot analysis of lysates from human heart, human brain, mouse brain tissue lysate (from left to right), using NDEL1 Antibody (Center) (ABIN6244172 and ABIN6577868). (ABIN6244172 and ABIN6577868) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.

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 ABIN6244172 | 09/10/2023 | Copyright antibodies-online. All rights reserved.