

Datasheet for ABIN7165855
anti-NDRG4 antibody (AA 210-331)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	NDRG4
Binding Specificity:	AA 210-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDRG4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Protein NDRG4 protein (210-331AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NDRG4
Alternative Name:	NDRG4 (NDRG4 Products)
Background:	Background: Contributes to the maintenance of intracerebral BDNF levels within the normal range, which is necessary for the preservation of spatial learning and the resistance to neuronal

Target Details

cell death caused by ischemic stress (By similarity). May enhance growth factor-induced ERK1 and ERK2 phosphorylation, including that induced by PDGF and FGF. May attenuate NGF-promoted ELK1 phosphorylation in a microtubule-dependent manner.

Aliases: BDM1 antibody, Brain development-related molecule 1 antibody, KIAA1180 antibody, NdrG4 antibody, NDRG4_HUMAN antibody, Protein NDRG4 antibody, SMAP 8 antibody, SMAP-8 antibody, Vascular smooth muscle cell-associated protein 8 antibody

UniProt: [Q9ULP0](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

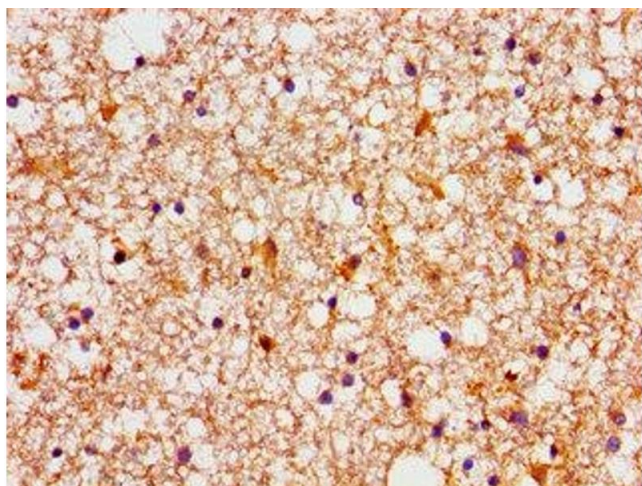
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

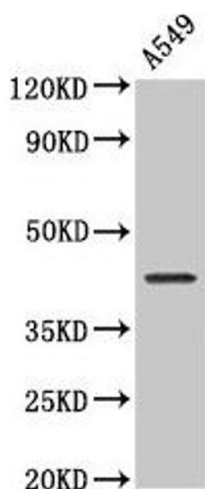
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



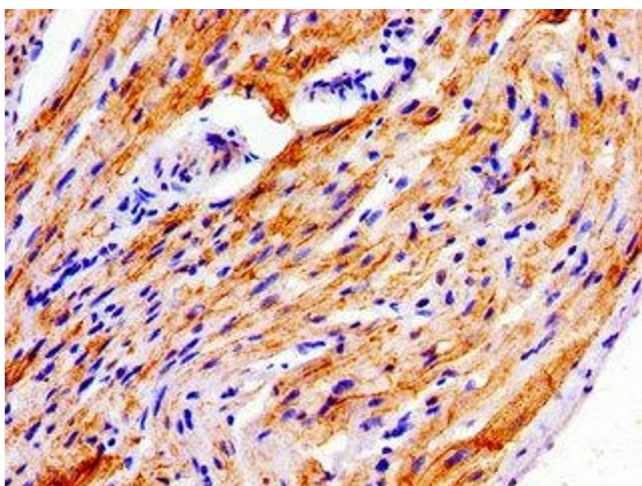
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7165855 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: NDRG4 antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 39, 38, 41, 43, 40 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7165855 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7165855.