

Datasheet for ABIN7146224

anti-N-Cadherin antibody (AA 746-906)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	N-Cadherin (CDH2)
Binding Specificity:	AA 746-906
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This N-Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Immunogen:	Recombinant Human Cadherin-2 protein (746-906AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	N-Cadherin (CDH2)
Alternative Name:	CDH2 (CDH2 Products)
Background:	Background: Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells, cadherins may thus

Target Details

contribute to the sorting of heterogeneous cell types. Acts as a regulator of neural stem cells quiescence by mediating anchorage of neural stem cells to ependymocytes in the adult subependymal zone: upon cleavage by MMP24, CDH2-mediated anchorage is affected, leading to modulate neural stem cell quiescence. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density (By similarity).
Aliases: CADH2_HUMAN antibody, Cadherin 2 antibody, Cadherin 2 N cadherin neuronal antibody, Cadherin 2 type 1 antibody, Cadherin 2 type 1 N cadherin neuronal antibody, Cadherin 2, type 1, N-cadherin (neuronal) antibody, Cadherin-2 antibody, Cadherin2 antibody, Calcium dependent adhesion protein neuronal antibody, CD325 antibody, CD325 antigen antibody, CDH2 antibody, CDHN antibody, CDw325 antibody, CDw325 antigen antibody, N cadherin 1 antibody, N-cadherin antibody, NCAD antibody, Neural cadherin antibody, OTTHUMP00000066304 antibody, OTTHUMP00000067378 antibody

UniProt: [P19022](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Synaptic Membrane](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:10000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

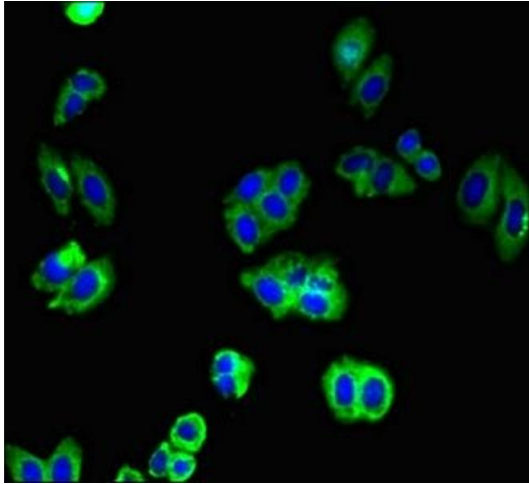
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

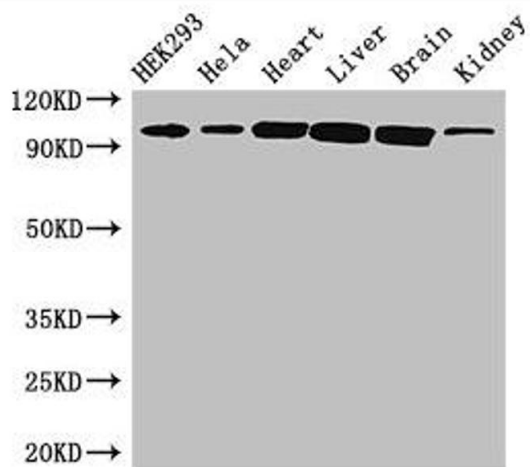
Storage: -20 °C,-80 °C

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



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7146224 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: HEK293 whole cell lysate, HeLa whole cell lysate, Mouse heart tissue, Mouse liver tissue, Mouse brain tissue, Mouse kidney tissue
All lanes: CDH2 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 100, 98 kDa Observed band size: 100 kDa