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Datasheet for ABIN7437503

anti-N-Cadherin antibody (AA 295-414)

3 Images

Overview

Quantity:	100 µL
Target:	N-Cadherin (CDH2)
Binding Specificity:	AA 295-414
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This N-Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to N-cadherin (NCAD)
Immunogen:	Recombinant N-cadherin (NCAD) corresponding to Asp295~Pro414 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NCAD. It has been selected for its ability to recognize NCAD in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

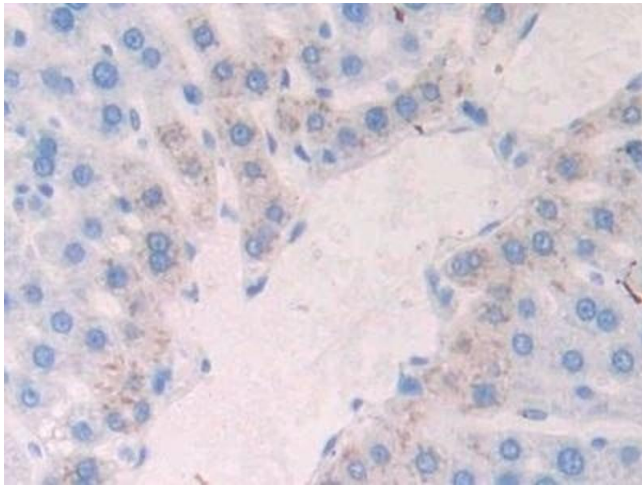
Target:	N-Cadherin (CDH2)
Alternative Name:	N-cadherin (CDH2 Products)
Background:	CDw325, CD325, CDHN, CDH2, Cadherin 2 Type 1, N-Cadherin
Pathways:	Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Synaptic Membrane

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:400-1700 Immunohistochemistry: 5-20 µg/mL 1:40-170 Immunocytochemistry: 5-20 µg/mL 1:40-170 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

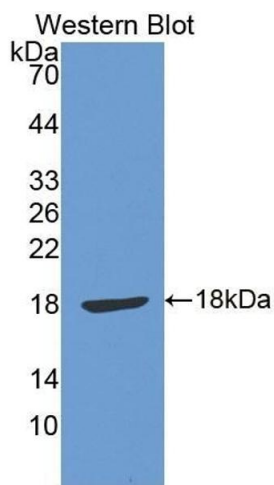
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



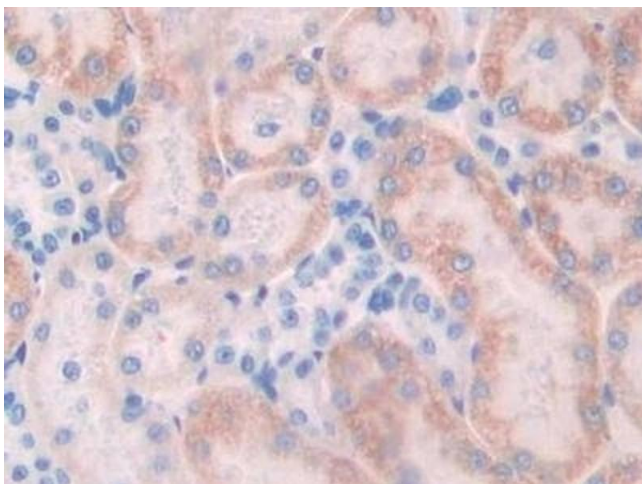
Immunohistochemistry

Image 1. Detection of NCAD in Rat Liver Tissue using Polyclonal Antibody to N-cadherin (NCAD)



Western Blotting

Image 2. Detection of Recombinant CDH2, Rat using Polyclonal Antibody to N-cadherin (NCAD)



Immunohistochemistry

Image 3. Detection of NCAD in Rat Kidney Tissue using Polyclonal Antibody to N-cadherin (NCAD)