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Datasheet for ABIN6257699

anti-OB Cadherin antibody (Internal Region)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	OB Cadherin (CDH11)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OB Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human CDH11, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	CDH11 Antibody detects endogenous levels of total CDH11.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	OB Cadherin (CDH11)
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Target Details

Alternative Name: CDH11 ([CDH11 Products](#))

Background: Description: Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells, cadherins may thus contribute to the sorting of heterogeneous cell types.

Gene: CDH11

Molecular Weight: 85 kDa

Gene ID: 1009

UniProt: [P55287](#)

Application Details

Application Notes: WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

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

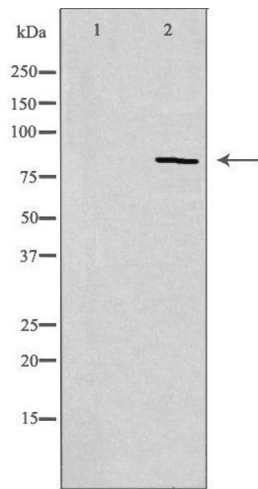
Storage: -20 °C

Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months

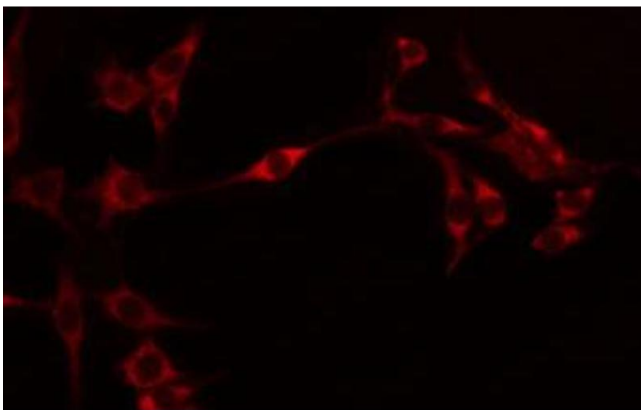
Publications

Product cited in: Chen, Chen, Hao, Zhang, Zhang: "Effect of CLIP3 Upregulation on Astrocyte Proliferation and Subsequent Glial Scar Formation in the Rat Spinal Cord via STAT3 Pathway After Injury." in: **Journal of molecular neuroscience : MN**, Vol. 64, Issue 1, pp. 117-128, (2018) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using CDH11 antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6274595 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.