



[Go to Product page](#)

Datasheet for ABIN1387539

## anti-OB Cadherin antibody (AA 310-360)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	OB Cadherin (CDH11)
Binding Specificity:	AA 310-360
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OB Cadherin antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDH11/OB-Cadherin
Isotype:	IgG
Specificity:	Due to the similarity of this protein to CDH12, there is a chance that this antibody will react with this protein due to sequence homology.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

#### Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	Cdh11 ( <a href="#">CDH11 Products</a> )

## Target Details

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Background:	Synonyms: OB, CAD11, CDHOB, OSF-4, Cadherin-11, Osteoblast cadherin, OB-cadherin, CDH11 Background: 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 ID:	1009
UniProt:	<a href="#">P55287</a>

## Application Details

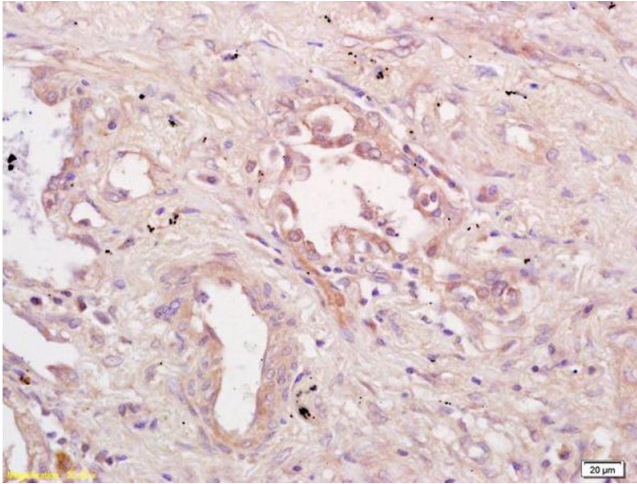
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Application Notes:	WB: (1:100-1000), FCM: (1:20-100), IHC-P: (1:100-500), IF(IHC-P): (1:50-200) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

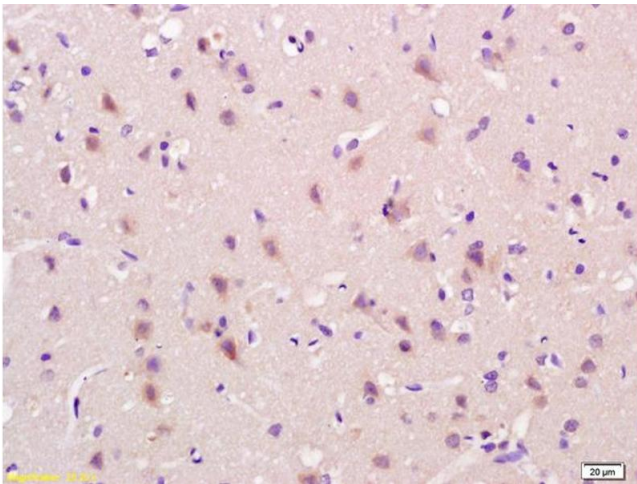
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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



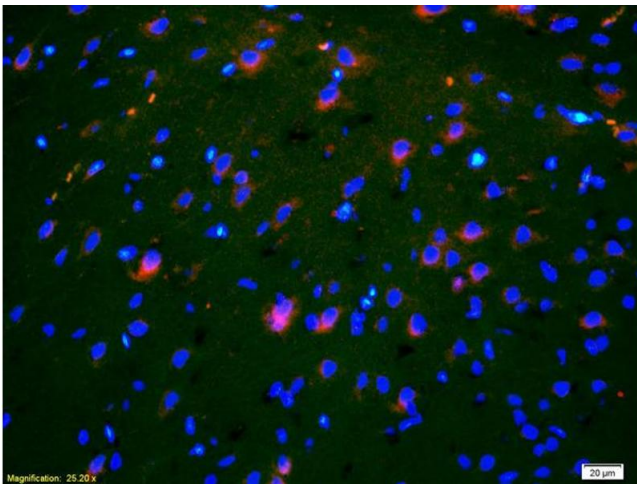
#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-OB/CDH11/OB-Cadherin Polyclonal Antibody, Unconjugated (ABIN1387539) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



#### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-OB/CDH11/OB-Cadherin Polyclonal Antibody, Unconjugated (ABIN1387539) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



#### Immunofluorescence

**Image 3.** Formalin-fixed and paraffin-embedded rat brain labeled with Anti-OB/CDH11/OB-Cadherin Polyclonal Antibody, Unconjugated (ABIN1387539) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.