

Rabbit anti-Human, Mouse CDH11 Polyclonal Antibody | anti-CDH11 antibody

CDH11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324212	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

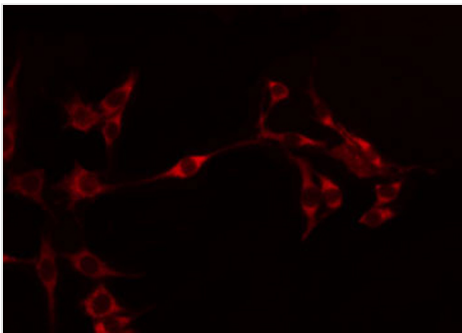
PRODUCT SYNONYMS

CDH11; Polyclonal Antibody; CDH11 Antibody; CAD11; CAD11_HUMAN; Cadherin 11; Cadherin 11 type 2; Cadherin 11 type 2 OB cadherin (osteoblast); Cadherin-11; Cdh11; CDHOB; OB; OB-cadherin; OBcadherin; OSF-4; OSF4; Osteoblast cadherin; anti-CDH11 antibody

PRODUCT SPECIFICATIONS

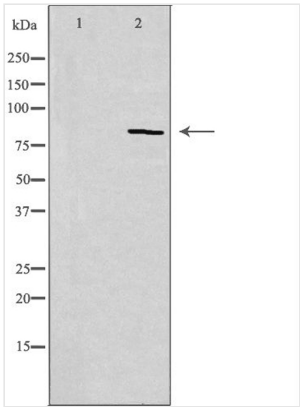
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CDH11 antibody detects endogenous levels of total CDH11
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	693
Applicable Applications for anti-CDH11 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed mainly in brain but also found in other tissues. Expressed in neuroblasts.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324212 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 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CDH11 antibody	Function: 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. Subunit Structure: Interacts with PCDH8. Similarity: Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.
References	Bai Y, Wang J, Han J, Xie XL, Ji CG, Yin J, Chen L, Wang CK, Jiang XY, Qi W, Jiang HQ; Journal: Mol Carcinog. BCL2L10 inhibits growth and metastasis of hepatocellular carcinoma both in vitro and in vivo.

NCBI AND UNIPROT INFORMATION

NCBI GI #	862669342
NCBI GeneID	1009
NCBI Accession #	NP_001295321.1
NCBI GenBank Nucleotide #	NM_001308392.1
UniProt Accession #	P55287; Q15065; Q15066; Q9UQ93; Q9UQ94; A8K5D6; A8MZC8; B7WP28
Molecular Weight	Observed: 85 kD Predicted: 88 kDa
NCBI Official Full Name	cadherin-11 isoform 2
NCBI Official Synonym Full Names	cadherin 11
NCBI Official Symbol	CDH11
NCBI Official Synonym Symbols	OB; ESWS; CAD11; CDHOB; OSF-4
NCBI Protein Information	cadherin-11
UniProt Protein Name	Cadherin-11
UniProt Gene Name	CDH11
UniProt Synonym Gene Names	OB-cadherin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

