

Rabbit CDH8 Polyclonal Antibody | anti-CDH8 antibody

CDH8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324222	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

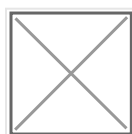
PRODUCT SYNONYMS

CDH8; Polyclonal Antibody; CDH8 Antibody; CADH8_HUMAN; Cadherin 8; type 2; Cadherin-8; CDH 8; Cdh8; Nbla04261; Putative protein product of Nbla04261; anti-CDH8 antibody

PRODUCT SPECIFICATIONS

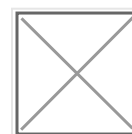
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CDH8 antibody detects endogenous levels of total CDH8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	799
Applicable Applications for anti-CDH8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Mainly expressed in brain. Found in certain nerve cell lines, such as retinoblasts, glioma cells and neuroblasts.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells, using CDH8 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324222 staining RAW264.7 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.



IHC (Immunohistochemistry)

AAA324222 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH8 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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16306539
NCBI GeneID	1006
NCBI Accession #	NP_001787.2
NCBI GenBank Nucleotide #	NM_001796.4
UniProt Accession #	P55286; Q14DC6; Q9ULB2; B3KWC1
Molecular Weight	Observed: 90 kD Predicted: 89 kDa
NCBI Official Full Name	cadherin-8 preproprotein
NCBI Official Synonym Full Names	cadherin 8
NCBI Official Symbol	CDH8
NCBI Official Synonym Symbols	Nbla04261
NCBI Protein Information	cadherin-8
UniProt Protein Name	Cadherin-8
UniProt Gene Name	CDH8

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdh8-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324222>