

Rabbit anti-Human CDH8 Polyclonal Antibody | anti-CDH8 antibody

CDH8 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283998	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

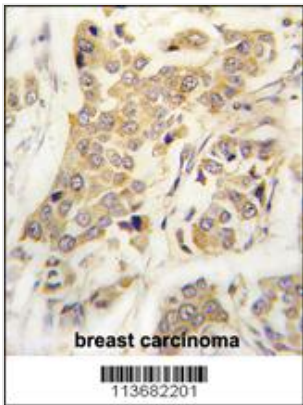
PRODUCT SYNONYMS

CDH8; Polyclonal Antibody; CDH8 Antibody (N-term); Cadherin-8; anti-CDH8 antibody

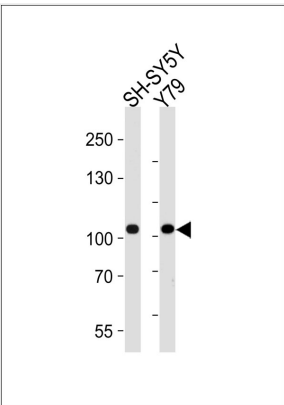
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDH8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-63 amino acids from the N-terminal region of human CDH8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	33-63
Sequence Length	799
Applicable Applications for anti-CDH8 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CDH8 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from SH-SY5Y, Y79 cell line (from left to right), using CDH8 Antibody (N-term). AAA283998 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH8 antibody	CDH8 is a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance.
Product Categories/Family for anti-CDH8 antibody	Neuroscience; Signal Transduction
References	Blaschke,S., Int. J. Cancer 101 (4), 327-334 (2002) Shimoyama,Y., Biochem. J. 349 (PT 1), 159-167 (2000)

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	88253
NCBI Official Full Name	cadherin-8 preproprotein
NCBI Official Synonym Full Names	cadherin 8, type 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdh8-antibody-western-blot-immunohistochemistry-elisa/283998>