

Rabbit anti-Human CDH9 Polyclonal Antibody | anti-CDH9 antibody

CDH9 Antibody (C-term)

CATALOG # AAA285473	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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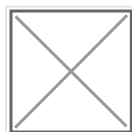
PRODUCT SYNONYMS

CDH9; Polyclonal Antibody; CDH9 Antibody (C-term); Cadherin-9; anti-CDH9 antibody

PRODUCT SPECIFICATIONS

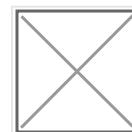
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDH9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 701-729 amino acids from the C-terminal region of human CDH9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	701-729
Sequence Length	789
Applicable Applications for anti-CDH9 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells using CDH9 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of CDH9 (arrow) using rabbit polyclonal CDH9 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH9 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-CDH9 antibody	CDH9 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.
Product Categories/Family for anti-CDH9 antibody	Neuroscience; Signal Transduction
References	Shimoyama,Y., Biochem. J. 349 (PT 1), 159-167 (2000) Nollet,F., J. Mol. Biol. 299 (3), 551-572 (2000) Suzuki,S., Cell Regul. 2 (4), 261-270 (1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	90193626
NCBI GeneID	1007
NCBI Accession #	NP_057363.3
NCBI GenBank Nucleotide #	NM_016279.3
UniProt Accession #	Q9ULB4; Q3B7I5
Molecular Weight	88689
NCBI Official Full Name	cadherin-9 preproprotein
NCBI Official Synonym Full Names	cadherin 9, type 2 (T1-cadherin)
NCBI Official Symbol	CDH9
NCBI Protein Information	cadherin-9
UniProt Protein Name	Cadherin-9
UniProt Gene Name	CDH9
UniProt Entry Name	CADH9_HUMAN

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/cdh9-antibody-flow-cytometry-western-blot-elisa/285473>