

Rabbit CDH7 Polyclonal Antibody | anti-CDH7 antibody

CDH7 Antibody (N-term)

CATALOG # AAA289053	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Chicken, Mouse)	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
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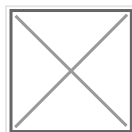
PRODUCT SYNONYMS

CDH7; Polyclonal Antibody; CDH7 Antibody (N-term); Cadherin-7; CDH7L1; anti-CDH7 antibody

PRODUCT SPECIFICATIONS

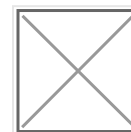
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDH7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-84 amino acids from the N-terminal region of human CDH7.
Purity/Purification	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	56-84
Sequence Length	785
Applicable Applications for anti-CDH7 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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 NCI-H292 cells using Cadherin 7 (CDH7) Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with CDH7 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 anti-CDH7 Pab in K562 cell line lysates (35ug/lane). CDH7(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH7 antibody	CDH7 is a type II classical cadherin from the cadherin superfamily. This protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Cadherins mediate cell-cell binding in a homophilic manner, contributing to the sorting of heterogeneous cell types and the maintenance of orderly structures.
Product Categories/Family for anti-CDH7 antibody	Signal Transduction
References	Moore,R., Oncogene 23 (40), 6726-6735 (2004) Kools,P., Genomics 68 (3), 283-295 (2000) Shimoyama,Y., Biochem. J. 349 (PT 1), 159-167 (2000) Kremmidiotis,G., Genomics 49 (3), 467-471 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16306489
NCBI GeneID	1005
NCBI Accession #	NP_004352.2 ; NP_387450.1
NCBI GenBank Nucleotide #	NM_004361.2
UniProt Accession #	Q9ULB5 ; Q9H157
Molecular Weight	87086
NCBI Official Full Name	cadherin-7 preproprotein
NCBI Official Synonym Full Names	cadherin 7, type 2
NCBI Official Symbol	CDH7
NCBI Official Synonym Symbols	CDH7L1
NCBI Protein Information	cadherin-7
UniProt Protein Name	Cadherin-7
UniProt Gene Name	CDH7
UniProt Synonym Gene Names	CDH7L1
UniProt Entry Name	CADH7_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/cdh7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289053>