

Rabbit CDH10 Polyclonal Antibody | anti-CDH10 antibody

CDH10 Antibody (C-term)

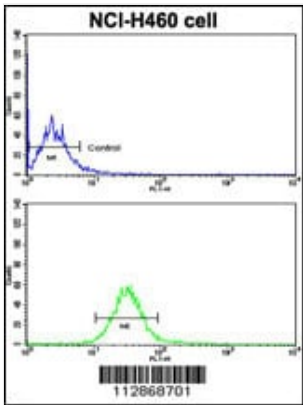
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285997	Rabbit	Human (Predicted Reactivity: Chicken, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CDH10; Polyclonal Antibody; CDH10 Antibody (C-term); Cadherin-10; T2-cadherin; anti-CDH10 antibody

PRODUCT SPECIFICATIONS

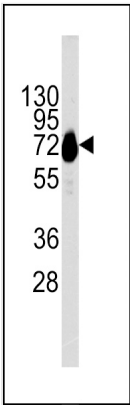
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDH10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 495-523 amino acids from the C-terminal region of human CDH10.
Purity/Purification	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: 0.47 (varies by lot)
Sequence Positions	495-523
Sequence Length	788
Applicable Applications for anti-CDH10 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.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H460 cells using Cadherin 10 (CDH10) 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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with CDH10 antibody (C-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 CDH10 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). CDH10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH10 antibody	CDH10 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 predominantly expressed in brain and is putatively involved in synaptic adhesions, axon outgrowth and guidance.
Product Categories/Family for anti-CDH10 antibody	Neuroscience; Signal Transduction
References	Kools,P., FEBS Lett. 452 (3), 328-334 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16306530
NCBI GeneID	1008
NCBI Accession #	NP_006718.2
NCBI GenBank Nucleotide #	NM_006727.3

UniProt Accession #	Q9Y6N8 ; Q9ULB3
Molecular Weight	88451
NCBI Official Full Name	cadherin-10 preproprotein
NCBI Official Synonym Full Names	cadherin 10, type 2 (T2-cadherin)
NCBI Official Symbol	CDH10
NCBI Protein Information	cadherin-10
UniProt Protein Name	Cadherin-10
UniProt Gene Name	CDH10
UniProt Entry Name	CAD10_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.

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

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdh10-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285997>