

Rabbit anti-Human CDH3 Polyclonal Antibody | anti-CDH3 antibody

CDH3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284007	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

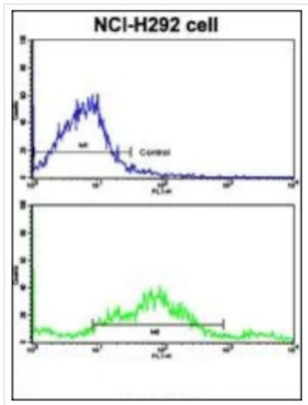
PRODUCT SYNONYMS

CDH3; Polyclonal Antibody; CDH3 Antibody (N-term); Cadherin-3; Placental cadherin; P-cadherin; CDHP; anti-CDH3 antibody

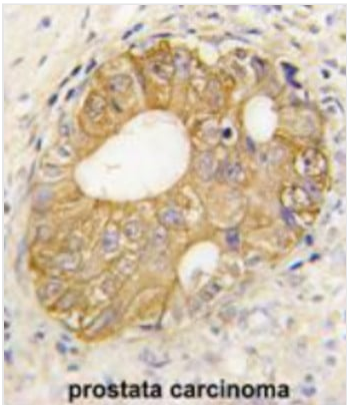
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This CDH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 114-142 amino acids from the N-terminal region of human CDH3.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	114-142
Sequence Length	829
Applicable Applications for anti-CDH3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in some normal epithelial tissues and in some carcinoma cell lines.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

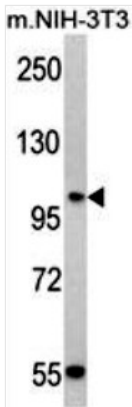
IMAGES



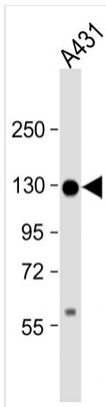
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using CDH3 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with CDH3 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 CDH3 Antibody (N-term) in NIH-3T3 cell line lysates (35ug/lane).CDH3 (arrow) was detected using the purified Pab.



WB (Western Blot)
Anti-CDH3 Antibody (N-term) at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20ug per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 91 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH3 antibody	CDH3 is a classical cadherin from the cadherin superfamily. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in the gene encoding CDH3 have been associated with congenital hypotrichosis with juvenile macular dystrophy.
Product Categories/Family for anti-CDH3 antibody	Cancer; Neuroscience; Signal transduction
References	Indelman,M., Clin. Exp. Dermatol. 32 (2), 191-196 (2007) Paredes,J., Clin. Cancer Res. 11 (16), 5869-5877 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589891
NCBI GeneID	1001
NCBI Accession #	NP_001784.2
NCBI GenBank Nucleotide #	NM_001793.4
UniProt Accession #	P22223; Q05DI6; B2R6F4

NCBI Official Full Name	cadherin-3 preproprotein
NCBI Official Synonym Full Names	cadherin 3, type 1, P-cadherin (placental)
NCBI Official Symbol	CDH3
NCBI Official Synonym Symbols	CDHP; HJMD; PCAD
NCBI Protein Information	cadherin-3
UniProt Protein Name	Cadherin-3
UniProt Gene Name	CDH3
UniProt Synonym Gene Names	CDHP; P-cadherin
UniProt Entry Name	CADH3_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/cdh3-antibody-flow-cytometry-western-blot-elisa/284007>