

Rabbit anti-Human, Mouse CDH3 / P-Cadherin Polyclonal Antibody | anti-CDH3 antibody

Rabbit Polyclonal to Human CDH3 / P-Cadherin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52503	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CDH3 / P-Cadherin; Polyclonal Antibody; Rabbit Polyclonal to Human CDH3 / P-Cadherin; Anti-CDH3 / P-Cadherin Antibody (N-Terminus) IHC-plus; CDH3; Cadherin-3; HJMD; P-cadherin; CDHP; PCAD; Placental cadherin; Human CDH3; P-Cadherin; anti-CDH3 antibody

PRODUCT SPECIFICATIONS

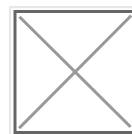
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS with 0.09% (w/v) sodium azide
Sequence Length	829
Applicable Applications for anti-CDH3 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide located between amino acids 114 and 142 of P22223.
Immunogen	CDH3 / P-Cadherin antibody was raised against synthetic peptide located between amino acids 114 and 142 of P22223.
Antigen Modification	N-Terminus
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



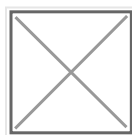
WB (Western Blot)

Western blot of CDH3 Antibody (N-term) in NIH-3T3 cell line lysates (35 ug/lane). CDH3 (arrow) was detected using the purified Pab.



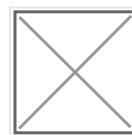
FCM/FACS (Flow Cytometry)

Flow cytometry 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 (Immunohistochemistry)

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.



IHC (Immunohistochemistry)

Anti-CDH3 / P-Cadherin antibody IHC staining of human pancreatic duct. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH3 antibody	CDH3, a classical cadherin, is an integral membrane, calcium-dependent glycoprotein that mediates cell-cell interactions. The protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Alterations in the CDH3 gene have been linked to hypotrichosis with juvenile macular dystrophy (HJMD), and aberrant expression of CDH3 protein has been associated with several types of malignancies, including prostate and breast carcinomas.
Product Categories/Family for anti-CDH3 antibody	Family: Cadherin

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
Molecular Weight	86,552 Da
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; calcium-dependent adhesion protein, placental
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-p-cadherin-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/52503>