

Rabbit Pan Cadherin Polyclonal Antibody | anti-CDH1 antibody

Pan Cadherin Polyclonal Antibody

CATALOG # AAA179194	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	--	--

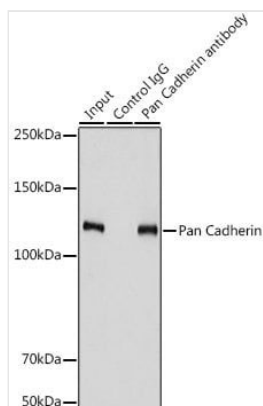
PRODUCT SYNONYMS

Pan Cadherin; Polyclonal Antibody; Pan Cadherin Polyclonal Antibody; anti-CDH1 antibody

PRODUCT SPECIFICATIONS

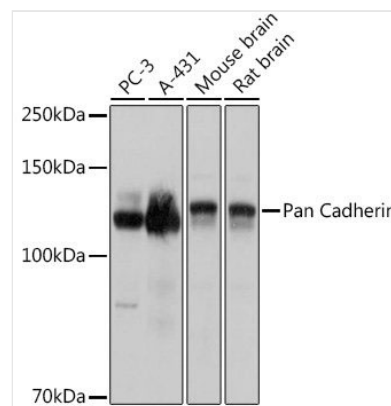
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CDH1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide of human pan-cadherin
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 900ug extracts of PC-3 cells using Pan Cadherin Polyclonal Antibody. Western blot was performed from the immunoprecipitate using Pan Cadherin Polyclonal Antibody at a dilution of 1:3000.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using Pan Cadherin Polyclonal Antibody at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH1 antibody	Cadherin is one of a class of integral-membrane glycoproteins that are involved in cell to cell attachment for preserving the integrity of all solid tissues. Cadherins have three major regions: the Ca2+ -dependent extracellular region that mediates adhesion (cadherin to cadherin) for cell to cell binding; the transmembrane region; and the cytoplasmic region that extends into the cell and interacts with catenins, which in turn are linked to the actin of the cytoskeleton. Cadherins are differentially expressed during development and in adult organs. Since many cell types express multiple cadherin subclasses simultaneously (the combination differs with cell type), it can be inferred that the adhesion properties of individual cells are thus governed by varying the combinations of cadherins. Altered expression of cadherins are involved in invasion and metastasis of tumour cells. The classical cadherins (e.g. E-, N-, and P-cadherins) are the most common family members. E-cadherin (also known as uvomorulin) is concentrated in the belt desmosome in epithelial cells; N-cadherin is found in nerve, muscle, and lens cells and helps maintain the integrity of neuronal aggregates; P-cadherin is expressed in placental and epidermal cells.
Product Categories/Family for anti-CDH1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757960
NCBI GeneID	999
NCBI Accession #	NP_004351.1
NCBI GenBank Nucleotide #	NM_004360.3
UniProt Accession #	P12830; P19022; P22223; P55283
Molecular Weight	97,456 Da
NCBI Official Full Name	cadherin-1 preproprotein
NCBI Official Synonym Full Names	cadherin 1, type 1, E-cadherin (epithelial)
NCBI Official Symbol	CDH1
NCBI Official Synonym Symbols	UVO; CDHE; ECAD; LCAM; Arc-1; CD324
NCBI Protein Information	cadherin-1; CAM 120/80; E-Cadherin; uvomorulin; cell-CAM 120/80; epithelial cadherin; cadherin 1, E-cadherin (epithelial); calcium-dependent adhesion protein, epithelial
UniProt Protein Name	Cadherin-1
UniProt Gene Name	CDH1
UniProt Synonym Gene Names	CDHE; UVO; E-cadherin
UniProt Entry Name	CADH1_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/pan-cadherin-antibody-immunoprecipitation-western-blot-elisa/179194>