

Rabbit anti-Human CDH1/E Cadherin Polyclonal Antibody | anti-CDH1 antibody

CDH1/E Cadherin Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162982	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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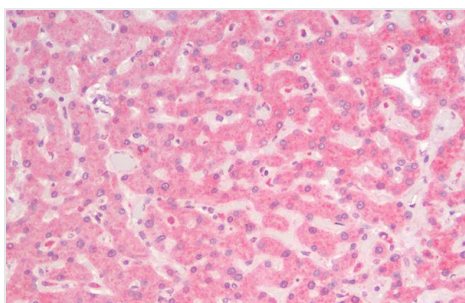
PRODUCT SYNONYMS

CDH1/E Cadherin; Polyclonal Antibody; CDH1/E Cadherin Rabbit anti-Human Polyclonal Antibody; PathPlus CDH1/E Cadherin Antibody; CDH1; CD324; CDHE; Cell-CAM 120/80; E Cadherin; E-Cadherin; ECAD; Epithelial cadherin; Arc-1; UVO; Cadherin-1; CAM 120/80; CD324 antigen; LCAM; Uvomorulin; anti-CDH1 antibody

PRODUCT SPECIFICATIONS

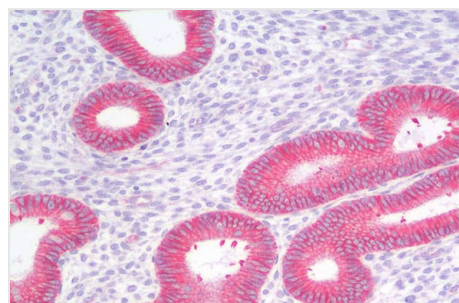
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CDH1 antibody	IHC (Immunohistochemistry)
Target	Human CDH1/E Cadherin
Immunogen	LP-10828, synthetic peptide
Conjugation	Unconjugated
Family	Cadherin
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CDH1/E Cadherin Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

CDH1/E Cadherin Antibody-Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CDH1 antibody	E Cadherin antibody is an unconjugated rabbit polyclonal antibody to E Cadherin (CDH1) from human. Validated for IHC. E-cadherin (CDH1) is a calcium-depending glycoprotein that is involved in cell to cell adhesion and is expressed on the surface of epithelial tissues. Loss of e-cadherin is associated with decreased cell adhesion, increased cellular motility, invasion and poor prognosis in carcinomas, particularly lobular carcinomas of the breast. In immunohistochemistry, e-cadherin is positive in normal breast ducts, the epithelium of the GI tract, hepatocytes and bile ducts. In cancer, it is positive in breast ductal carcinoma (but not lobular), esophageal adenocarcinoma and squamous carcinoma, and bladder transitional cell carcinoma.
References	Eur J Cancer 2000, 36:1607; Cell. 2015 Oct 8;163(2):506-19, PMID: 26451490; Breast Cancer Res. 2017 Jul 27;19(1):86, PMID: 28750639; Oncotarget 2017 Jan; 8.1; 16445-16455, PMID: 28147315; Oncotarget. 2016 Nov; 7.49; 80655-80663, PMID: 27811364;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757960
NCBI GeneID	999
NCBI Accession #	NP_004351.1
NCBI GenBank Nucleotide #	NM_004360
UniProt Accession #	P12830; Q13799; Q14216; Q15855; Q16194; Q4PJ14; A8K1U7
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.