

Rabbit anti-Mouse E-Cadherin Polyclonal Antibody | anti-CDH1 antibody

Anti-E-Cadherin Antibody, Rabbit Polyclonal

CATALOG # AAA257204	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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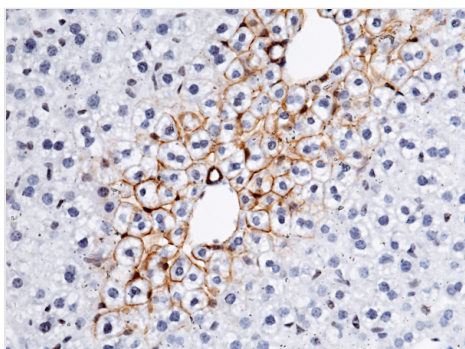
PRODUCT SYNONYMS

E-Cadherin; Polyclonal Antibody; Anti-E-Cadherin Antibody; Rabbit Polyclonal; E-Cadherin/CDH1/E-cad/CD324 Antibody; Rabbit PAb; cadherin 1; type 1; E-cadherin (epithelial); Anti-AA960649 Antibody; Anti-ARC-1 Antibody; Anti-E-cad Antibody; Anti-Ecad Antibody; Anti-L-CAM Antibody; Anti-Um Antibody; Anti-UVO Antibody; anti-CDH1 antibody

PRODUCT SPECIFICATIONS

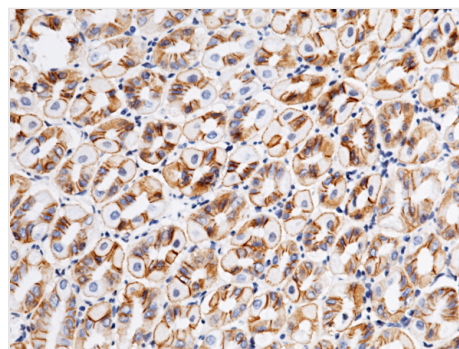
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse E-Cadherin/CDH1
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CDH1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse E-Cadherin/CDH1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse E-Cadherin/CDH1 (rM E-Cadherin/CDH1). Total IgG was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse CDH1 in mouse liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse CDH1 in mouse stomach with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CDH1 antibody	Cadherins are calcium-dependent cell adhesion proteins which preferentially interact with themselves in a homophilic manner in connecting cells, and thus may contribute to the sorting of heterogeneous cell type. E-cadherin (E-Cad), also known as CDH1 and CD324, is a calcium-dependent cell adhesion molecule the intact function of which is crucial for the establishment and maintenance of epithelial tissue polarity and structural integrity. Mutations in CDH1 occur in diffuse type gastric cancer, lobular breast cancer, and endometrial cancer. In human cancers, partial or complete loss of E-cadherin expression correlates with malignancy. During apoptosis or with calcium influx, E-Cad is cleaved by the metalloproteinase to produce fragments of about 38 kDa (E-CAD/CTF1), 33 kDa (E-CAD/CTF2) and 29 kDa (E-CAD/CTF3), respectively. E-Cad has been identified as a potent invasive suppressor, as downregulation of E-cadherin expression is involved in dysfunction of the cell-cell adhesion system, and often correlates with strong invasive potential and poor prognosis of human carcinomas.
Product Categories/Family for anti-CDH1 antibody	Hemangioblast Markers Tumor Suppressors ; Canonical Wnt Pathway
References	Wang HD, et al. (2004) CDH1 germline mutation in hereditary gastric carcinoma. World J Gastroenterol. 10(21): 3088-93. Masterson J, et al. (2007) Posttranslational truncation of E-cadherin and significance for tumour progression. Cells Tissues Organs. 185(1-3): 175-9. Mrgineanu E, et al. (2008) Correlation between E-cadherin abnormal expressions in different types of cancer and the process of metastasis. Rev Med Chir Soc Med Nat Iasi. 112(2): 432-6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115419
NCBI GeneID	12550
UniProt Accession #	P09803 ; Q61377
Molecular Weight	884
NCBI Official Full Name	Cadherin-1
NCBI Official Synonym Full Names	cadherin 1
NCBI Official Symbol	Cdh1
NCBI Official Synonym Symbols	Um; UVO; Ecad; E-cad; L-CAM; AA960649
NCBI Protein Information	cadherin-1; ARC-1; E-cadherin; uvomorulin; epithelial cadherin
UniProt Protein Name	Cadherin-1
UniProt Gene Name	Cdh1
UniProt Synonym Gene Names	E-cadherin
UniProt Entry Name	CADH1_MOUSE

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://www.aaabiotech.com/polyclonal/e-cadherin-antibody-immunohistochemistry-elisa/257204>