Rabbit CDH1 Polyclonal Antibody | anti-CDH1 antibody

CDH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200145	**Rabbit**	**Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish**	**Western Blot, Immunofluorescence, Immunohistochemistry**

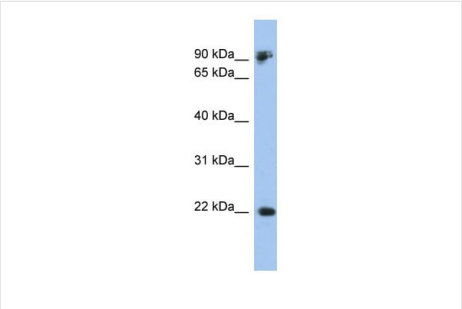
PRODUCT SYNONYMS

CDH1; Polyclonal Antibody; CDH1 antibody - middle region; anti-CDH1 antibody

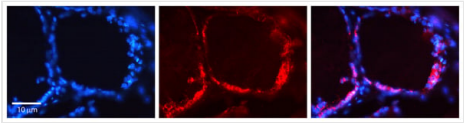
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:QE ITSYTAQEPD TFMEQKITYR IWRDTANWLE INPDTGAIST RAELDRED
Sequence Length	882
Applicable Applications for anti-CDH1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 79%; Horse: 93%; Human: 100%; Mouse: 79%; Pig: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CDH1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

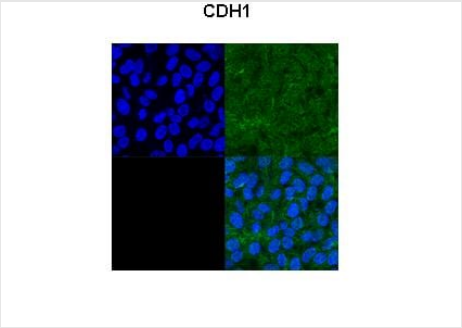
IMAGES



WB (Western Blot)
WB Suggested Anti-CDH1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: 293T cell lysate



IHC (Immunohiostchemistry)
Rabbit Anti-CDH1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Thyroid Gland TissueObserved Staining: Plasma membranePrimary Antibody Concentration: 1:100Other Working Concentrations: N/ASecondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec



IF (Immunofluorescence)
Sample Type :Rat FRTL-5 cells Primary Antibody Dilution :1:100 Secondary Antibody :Goat anti-rabbit-FITC Secondary Antibody Dilution :1:1000Color/Signal Descriptions :1A: DAPI, 2B: phase contrast, 2A: CDH1, 2B: DAPI + CDH1Gene Name :CDH1Submitted by :Risheng Ma, MSSM

ADDITIONAL INFORMATION

Related Product Information for anti-CDH1 antibody	This is a rabbit polyclonal antibody against CDH1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-CDH1 antibody	Polyclonal; Signal Proteins; Cell Adhesion; Membrane Protein; Transcription Regulation; Disease Related; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757960
NCBI GeneID	999
NCBI Accession #	NP_004351
NCBI GenBank Nucleotide #	NM_004360
UniProt Accession #	P12830
Molecular Weight	80kDa
NCBI Official Full Name	cadherin-1 isoform 1 preproprotein
NCBI Official Synonym Full Names	cadherin 1
NCBI Official Symbol	CDH1
NCBI Official Synonym Symbols	UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324
NCBI Protein Information	cadherin-1
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/cdh1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/200145