

CDH1 / E Cadherin Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS14302**Specification**

CDH1 / E Cadherin Antibody (aa1-50) - Product Information

Application	IF, WB
Primary Accession	P12830
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97kDa KDa

CDH1 / E Cadherin Antibody (aa1-50) - Additional Information**Gene ID** 999**Other Names**

Cadherin-1, CAM 120/80, Epithelial cadherin, E-cadherin, Uvomorulin, CD324, E-Cad/CTF1, E-Cad/CTF2, E-Cad/CTF3, CDH1, CDHE, UVO

Target/Specificity

E-cadherin Antibody detects endogenous levels of total E-cadherin protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

CDH1 / E Cadherin Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

CDH1 / E Cadherin Antibody (aa1-50) - Protein Information**Name** CDH1**Synonyms** CDHE, UVO**Function**

Cadherins are calcium-dependent cell adhesion proteins (PubMed:11976333). 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 (PubMed:11976333). Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.

Cellular Location

Cell junction, adherens junction. Cell membrane; Single-pass type I membrane protein. Endosome.

Golgi apparatus, trans-Golgi network. Note=Colocalizes with DLGAP5 at sites of cell-cell contact in intestinal epithelial cells. Anchored to actin microfilaments through association with alpha-, beta- and gamma-catenin. Sequential proteolysis induced by apoptosis or calcium influx, results in translocation from sites of cell-cell contact to the cytoplasm Colocalizes with RAB11A endosomes during its transport from the Golgi apparatus to the plasma membrane

Tissue Location

Non-neural epithelial tissues.

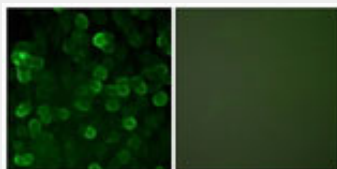
Volume

50 µl

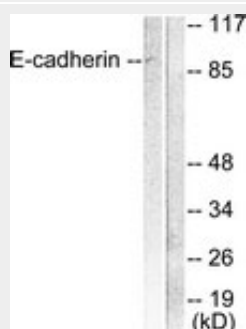
CDH1 / E Cadherin Antibody (aa1-50) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDH1 / E Cadherin Antibody (aa1-50) - Images

Immunofluorescence of A549 cells, using E-cadherin Antibody.



Western blot of extracts from 293 cells, using E-cadherin Antibody.

CDH1 / E Cadherin Antibody (aa1-50) - Background

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.

CDH1 / E Cadherin Antibody (aa1-50) - References

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Ito K.,et al.Oncogene 18:7080-7090(1999).
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