

Anti-E Cadherin (pS844) Antibody
Rabbit polyclonal antibody to E Cadherin (pS844)
Catalog # AP61106**Specification**

Anti-E Cadherin (pS844) Antibody - Product Information

Application	WB, E
Primary Accession	P12830
Other Accession	P09803
Reactivity	Human, Mouse, Rat, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97456

Anti-E Cadherin (pS844) Antibody - Additional Information**Gene ID** 999**Other Names**

CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD324

Target/Specificity

Recognizes endogenous levels of E Cadherin (pS844) protein.

Dilution

WB~~WB (1/500 - 1/1000)

E~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-E Cadherin (pS844) Antibody - 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

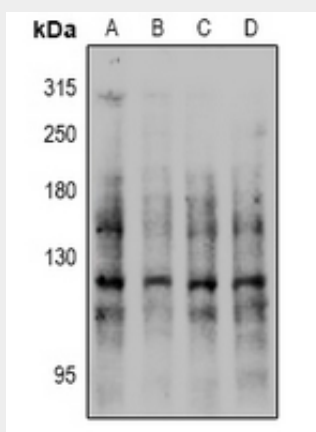
Non-neural epithelial tissues.

Anti-E Cadherin (pS844) Antibody - Protocols

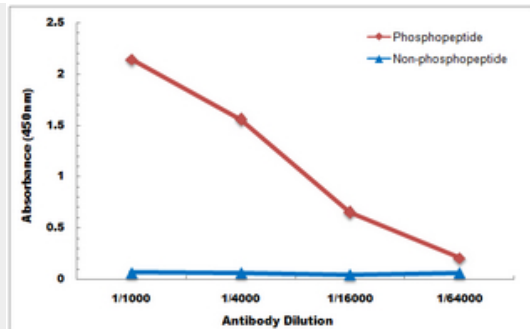
Provided below are standard protocols that you may find useful for product applications.

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

Anti-E Cadherin (pS844) Antibody - Images



Western blot analysis of E Cadherin (pS844) expression in HEK293T (A), HepG2 (B), A549 (C), PC12 (D) whole cell lysates.



Direct ELISA antibody dose-response curve using Anti-E Cadherin (pS844) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

Anti-E Cadherin (pS844) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human E Cadherin. The exact sequence is proprietary.