

**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	<a href="#">P12830</a>
Other Accession	<a href="#">P09803</a>
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 ([HGNC:1748](#))

#### Function

Cadherins are calcium-dependent cell adhesion proteins (PubMed:<a href="http://www.uniprot.org/citations/11976333" target="\_blank">11976333</a>). 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:<a href="http://www.uniprot.org/citations/11976333" target="\_blank">11976333</a>). 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. Cytoplasm {ECO:0000250|UniProtKB:P09803}. Cell junction {ECO:0000250|UniProtKB:Q90Z37}. 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

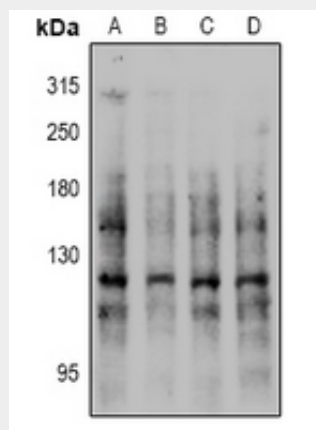
Expressed in granuloma macrophages (at protein level) (PubMed:27760340). Expressed in the liver (PubMed:3263290)

### Anti-E Cadherin (pS844) Antibody - Protocols

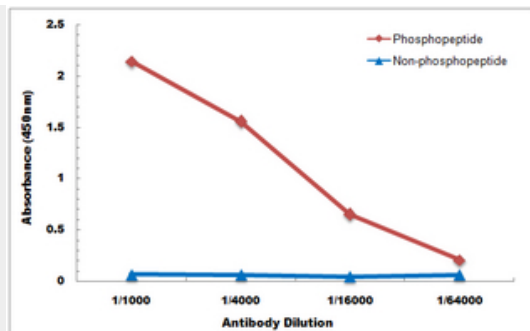
Provided below are standard protocols that you may find useful for product applications.

- [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.