

# E-Cadherin Rabbit pAb

Catalog No.: A11509 **15 Publications**

## Basic Information

**Observed MW**

130kDa

**Calculated MW**

97kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human, Mouse

## Background

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is 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 of this gene is thought to contribute to cancer progression 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. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

**Gene ID**

999

**Swiss Prot**

P12830

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 700-800 of human E-Cadherin (NP\_004351.1).

**Synonyms**

UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324; E-Cadherin

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

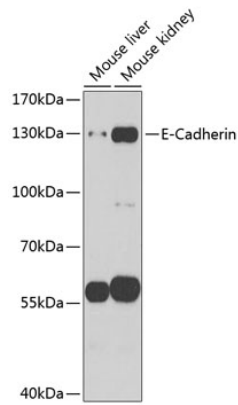
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

---



Western blot analysis of various lysates using E-Cadherin Rabbit pAb (A11509) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 60s.