

Basic Information

Product Name	Anti-E-cadherin/CDH1 Antibody
Gene Name	CDH1
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1mg BSA
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human E Cadherin(662-677aa DYKINLKLMNQNKDDQ).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	130KD
Dilution Ratios	Western blot(WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

CDH1(Cadherin 1), also known as ECAD or UVO, is a protein that in humans is encoded by the CDH1 gene. Cadherin-1 is a classical member of the cadherin superfamily. By Southern analysis of DNA from a panel of mouse-human somatic cell hybrids, Mansouri et al.(1987, 1988) assigned the UVO gene to 16q(16p11-qter). Frebourg et al.(2006) found that in human embryos CDH1 is highly expressed at 4 and 5 weeks in the frontonasal prominence and at 6 weeks in the lateral and medial nasal prominences, and is therefore expressed during critical stages of lip and palate development. 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.

Reference

Anti-E-cadherin/CDH1 Antibody 被引用在8文献中。

Selected Validation Data

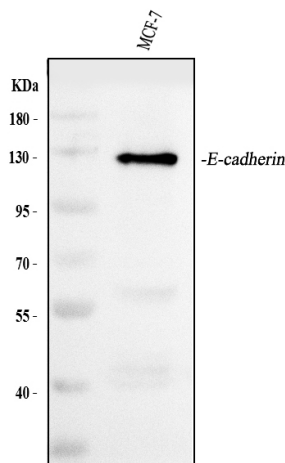


Figure 1. Western blot analysis of anti- CDH1/E-cadherin antibody (BA0475). The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: MCF-7 whole cell lysates.

Use rabbit anti- CDH1/E-cadherin 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for CDH1/E-cadherin at approximately 130KD. The expected band size for CDH1/E-cadherin is at 97KD.