Product datasheet

Anti-E-cadherin/CDH1 Antibody

Catalog Number: *BA0475*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-E-cadherin/CDH1 Antibody
Gene Name	CDH1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human E Cadherin.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	130 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

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

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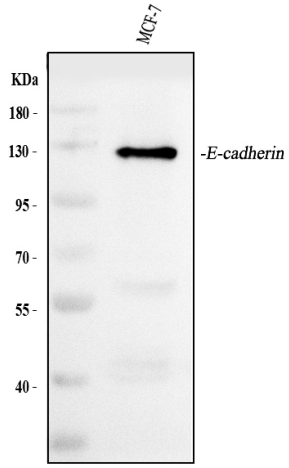
Anti-E-cadherin/CDH1 Antibody 被引用在30文献中。

Selected Validation Data



Western blot analysis of E-cadherin/CDH1 using anti-E-cadherin/CDH1 antibody (BA0475). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: MCF-7 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-E-cadherin/CDH1 antigen affinity purified polyclonal antibody (BA0475) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for E-cadherin/CDH1 at approximately 130 kDa. The expected band size for E-cadherin/CDH1 is at 97 kDa.