

E-cadherin Recombinant antibody

Cat:B36225S

Company: HaoKebio

Uniprot ID:P12830

Applications: IHC:1:200-1:800

Organism:Rabbit

IHC-Polymer:1:800-1:3200

Species reactivity:Human Mouse

IHC-TSA:1:1000-1:4000

Molecular Weight Calculation: 882 aa, 97 kDa

IF:1:50

Observed Molecular Weight: 135 kDa

WB:1:5000-1:50000

Background:

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. E-cadherin (epithelial cadherin), also known as CDH1 (cadherin 1) or CAM 120/80, is a classical member of the cadherin superfamily which also include N-, P-, R-, and B-cadherins. E-cadherin is expressed on the cell surface in most epithelial tissues. The extracellular region of E-cadherin establishes calcium-dependent homophilic trans binding, providing specific interaction with adjacent cells, while the cytoplasmic domain is connected to the actin cytoskeleton through the interaction with p120-, α -, β -, and γ -catenin (plakoglobin). E-cadherin is important in the maintenance of the epithelial integrity, and is involved in mechanisms regulating proliferation, differentiation, and survival of epithelial cell. E-cadherin may also play a role in tumorigenesis. It is considered to be an invasion suppressor protein and its loss is an indicator of high tumor aggressiveness.

Affinity purification

Form:

Liquid

Storage Buffer:

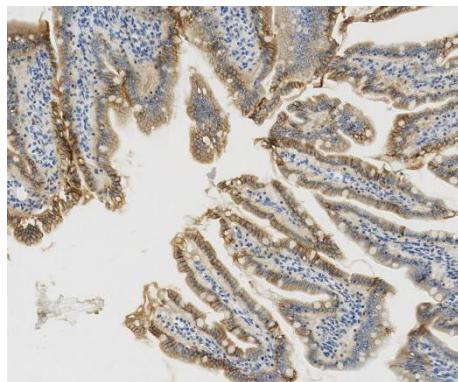
 PBS with 0.02% sodium azide,100 μ g/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Mouse intestine, 4% PFA 12-24h

Synonyms:

240159A1, Arc 1, Cadherin 1, Cadherin-1, CAM 120/80

Immunogen:

Recombinant protein

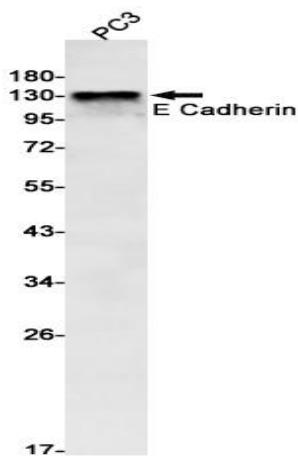
Isotype:

IgG

Subcellular location:

Membrane

Purity:



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:E-cadherin(B36225S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:E-cadherin(B36225S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.