



E-cadherin Polyclonal Antibody

Cat #: ABP57182

Size: 30µl /100µl /200µl

Product Information

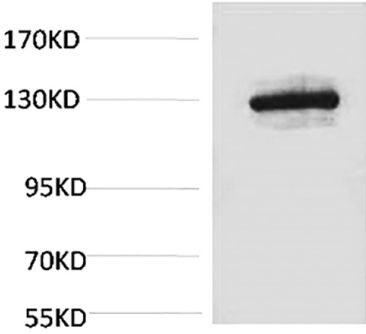
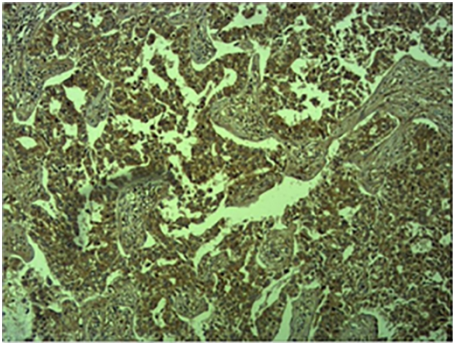
	Product Name: E-cadherin Polyclonal Antibody		
	Applications: WB, IHC-P		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP57182	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: CDH1 (cadherin 1) 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 CDH1 are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of CDH1 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. CDH1 is present in a gene cluster with other members of the cadherin family on chromosome 16.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000), IHC-P (1:500-1:1000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

 <p>170KD — 130KD — 95KD — 70KD — 55KD —</p>	<p>Fig.1. Western blot analysis of Hela using E-cadherin Polyclonal Antibody. Secondary antibody was diluted at 1:20000.</p>
	<p>Fig.2. Immunohistochemical analysis of paraffin-embedded human Lung carcinoma using E-cadherin Polyclonal Antibody.</p>

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.