

VE-Cadherin Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP15453

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human VE-Cadherin Polyclonal

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Cadherin-5

Synonyms Cadherin-5;7B4 antigen;Vascular endothelial cadherin;VE-cadherin;CD antigen CD144; Cadherin-5;7B4

antigen; Vascular endothelial cadherin; VE-cadherin; CD antigen CD144

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a classical cadherin of the cadherin superfamily. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion molecule is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classical cadherin by imparting to cells the ability to adhere in a homophilic manner, this protein plays a role in endothelial adherens junction assembly and maintenance. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images

170-100-100-70-55-40-35-25Western blot analysis of CACO2 lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year