## VE-Cadherin Polyclonal Antibody

## Description

| Product type | Primary Antibody |
| :--- | :--- |
| Code | BT-AP15453 |
| Host | Rabbit |
| Isotype | IgG |
| Size | $20 \mathrm{ul}, 50 \mathrm{ul}, 100 \mathrm{ul}$ |
| Immunogen | Synthesized peptide derived from human VE-Cadherin Polyclonal |
| Mol wt | N/A |
| Species reactivity | Human, Mouse, Rat |
| Clonality | WB, ELISA |
| Recommended application | 1 mg/ml |
| Concentration | Cadherin-5 |
| Full name | Cadherin-5 ;7B4 antigen;Vascular endothelial cadherin;VE-cadherin;CD antigen CD144; Cadherin-5; 7B4 |
| Synonyms | 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


Storage
$-20^{\circ} \mathrm{C}$ for 1 year

