VE-Cadherin Polyclonal Antibody

Catalog No. E-AB-33688

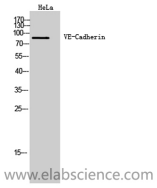
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

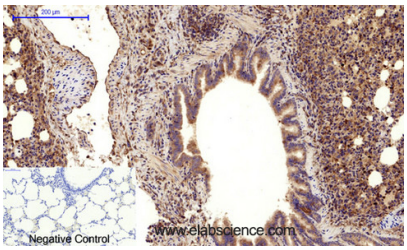
Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from the Internal region of human VE-Cadherin.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-2000
IHC	1:50-300
ELISA	1:10000-20000

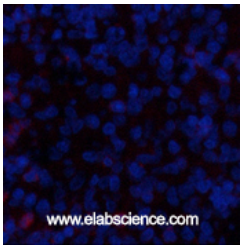
Data



Western Blot analysis of Hela cells using VE-Cadherin Polyclonal Antibody at dilution of 1:500.
Observed Mw:86kDa
Calculated Mw:88kDa



Immunohistochemistry of paraffin-embedded Rat lung tissue using VE-Cadherin Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat spleen tissue using VE-Cadherin Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Background

This gene is a classical cadherin from the cadherin superfamily and is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. An alternative splice variant has been described but its full length sequence has not been determined.

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