

Product Name: Cadherin 5 Rabbit Polyclonal Antibody
Catalog #: APRab00546



Summary

Production Name	Cadherin 5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	CDH5
Alternative Names	CDH5; Cadherin-5; 7B4 antigen; Vascular endothelial cadherin; VE-cadherin; CD antigen CD144
Gene ID	1003
SwissProt ID	P33151.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 ELISA: 1:10000
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 120 kDa

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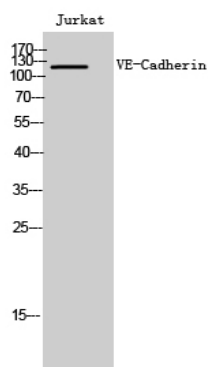
Background

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.

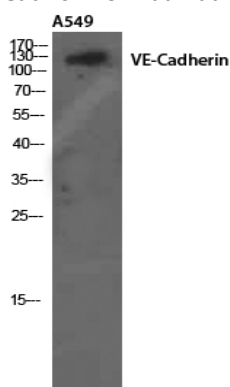
Research Area

Signal Transduction

Image Data



Western blot analysis of Cadherin 5 in Jurkat lysates using Cadherin 5 antibody.



Western blot analysis of Cadherin 5 in A549 lysates using Cadherin 5 antibody.

Note

For research use only.