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## anti-Cadherin 5 antibody (AA 259-358)

**Images** 

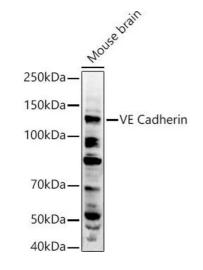


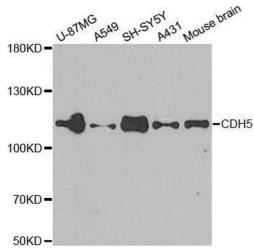
Overview	
Quantity:	100 μL
Target:	Cadherin 5 (CDH5)
Binding Specificity:	AA 259-358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 5 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogon:	Pecombinant fusion protein containing a coguence corresponding to amino soids 250-358 of

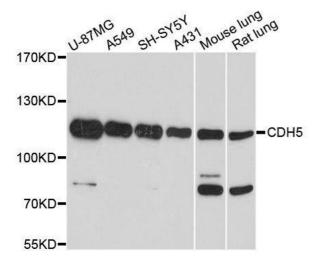
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 259-358 of human VE Cadherin (NP_001786.2).
Sequence:	TQTKYTFVVP EDTRVGTSVG SLFVEDPDEP QNRMTKYSIL RGDYQDAFTI ETNPAHNEGI IKPMKPLDYE YIQQYSFIVE ATDPTIDLRY MSPPAGNRAQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

### **Target Details**

Alternative Name: Background:	CDH5 (CDH5 Products)  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
Background:	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
	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.,CDH5,7B4,CD144,cadherin-5,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cell Adhesion,Cadherins,Cell Adhesion Molecules,Tight Junctions,Cytoskeleton,Immunology & Inflammation,CD markers,Stem Cells,Cardiovascular,Cardiovascular Markers,Endothelial Cells,CDH5
Molecular Weight:	74 kDa/87 kDa
Gene ID:	1003
UniProt:	P33151
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2
Application Details	
Application Notes:	WB,1:500 - 1:1000
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







#### **Western Blotting**

Image 1. Western blot analysis of extracts of Mouse brain, using VE Cadherin antibody (ABIN3015298, ABIN3015299, ABIN3015300 and ABIN6213971) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.

#### **Western Blotting**

#### Image 2.

#### **Western Blotting**

**Image 3.** Western blot analysis of extracts of various cell lines, using CDH5 antibody.