

VE-Cadherin Rabbit pAb

CatalogNo: YT4869

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 120kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****ELISA 1:40000****IF 1:50-200**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human CDH5. AA range: 697-746

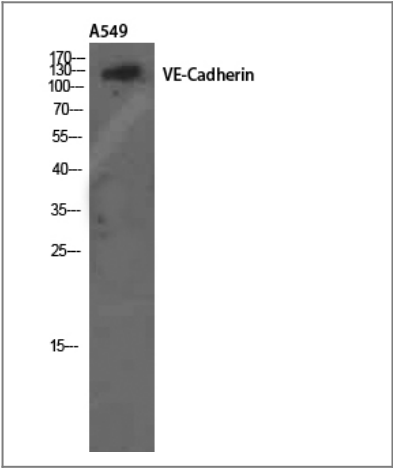
Specificity

VE-Cadherin Polyclonal Antibody detects endogenous levels of VE-Cadherin protein.

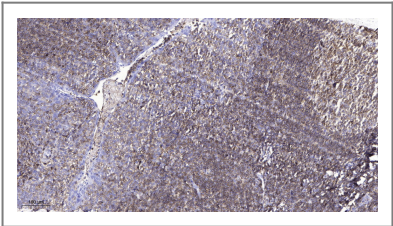
Target Information

Gene name	CDH5		
Protein Name	Cadherin-5		
	Organism	Gene ID	UniProt ID
	Human	1003;	P33151;
	Mouse	12562;	P55284;
Cellular Localization	Cell junction . Cell membrane ; Single-pass type I membrane protein . Found at cell-cell boundaries and probably at cell-matrix boundaries. KRIT1 and CDH5 reciprocally regulate their localization to endothelial cell-cell junctions. .		
Tissue specificity	Endothelial tissues and brain.		
Function	Function:Cadherins are calcium dependent cell adhesion proteins.,Function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play a important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton.,similarity:Contains 5 cadherin domains.,subcellular location:Found at cell-cell boundaries and probably at cell-matrix boundaries.,tissue specificity:Endothelial tissues and brain.,		

| Validation Data



Western Blot analysis of A549 using VE-Cadherin Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

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**VE-Cadherin Rabbit
pAb**

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