

Datasheet for ABIN3028523
anti-Cadherin 5 antibody (AA 766-784)

5 Images

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Overview

Quantity:	100 µg
Target:	Cadherin 5 (CDH5)
Binding Specificity:	AA 766-784
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 766-784 (RFKMLAELYGSDPREELLY-human) were used as the immunogen for this VE-Cadherin antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	VE-Cadherin (CDH5 Products)
Background:	VE-Cadherin is a classic cadherin, 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 and in maintaining newly formed

Target Details

vessels.

UniProt: [P33151](#)

Pathways: [Cell-Cell Junction Organization](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the VE-Cadherin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

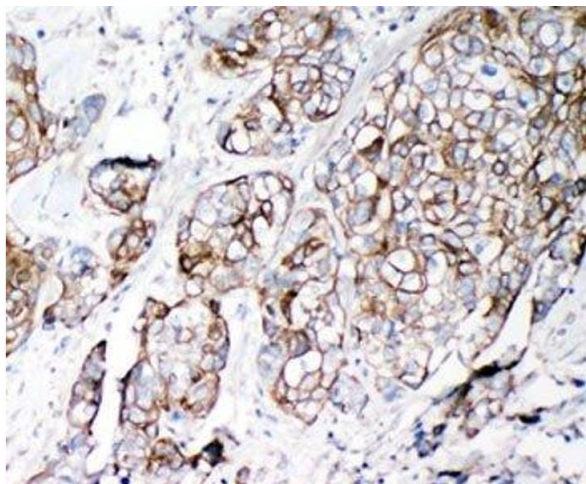
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

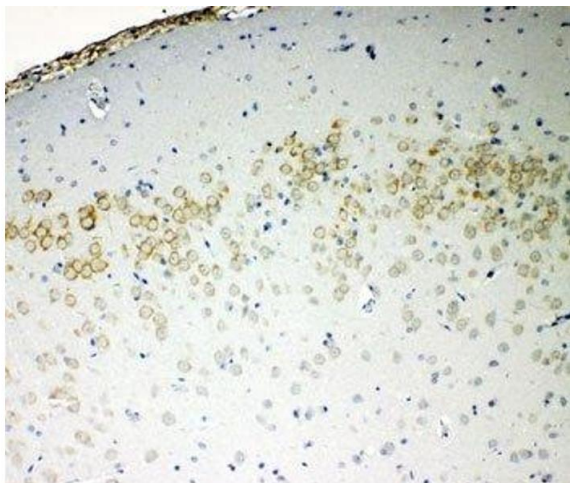
Storage Comment: After reconstitution, the VE Cadherin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



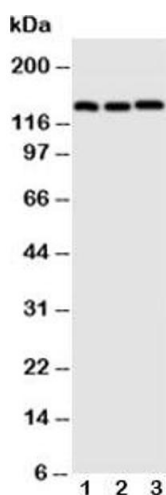
Immunohistochemistry

Image 1. IHC-P: VE-Cadherin antibody testing of human lung cancer tissue



Immunohistochemistry

Image 2. IHC-P: VE-Cadherin antibody testing of rat brain tissue



Western Blotting

Image 3. Western blot testing of VE-Cadherin antibody; Lane 1: A549; 2: HeLa; 3: MCF-7 cell lysate. Predicted size: 90~140 kDa depending on glycosylation level

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3028523.