Datasheet for ABIN5708175

anti-Cadherin 5 antibody (AA 48-272)

1 Image

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Overview

Quantity:	100 µg
Target:	Cadherin 5 (CDH5)
Binding Specificity:	AA 48-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A recombinant human partial protein corresponding to amino acids D48-R272 was used as the immunogen for the CDH5 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	VE Cadherin / CDH5 (CDH5 Products)
Background:	CDH5 (Cadherin 5), also known as VE-cadherin, is a type of cadherin. It is encoded by the human gene CDH5. This gene is mapped to 16q22.1 using somatic cell hybrid panels. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic

Target Details

	manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Therefore it was concluded that VE-cadherin serves the purpose of maintaining newly formed vessels.
UniProt:	P33151
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2

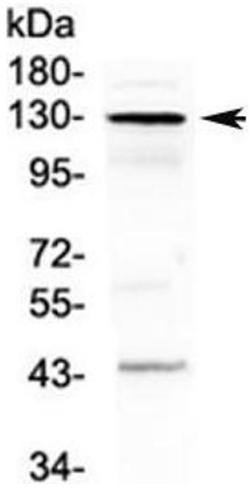
Application Details

Application Notes:	Optimal dilution of the CDH5 antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,Direct ELISA: 0.1-0.5 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 CDH5 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



Western Blotting

Image 1. Western blot testing of human placenta lysate with CDH5 antibody at 0.5ug/ml. Predicted molecular weight: 90~140 kDa depending on glycosylation level.