

Datasheet for ABIN1713463
anti-CDHR4 antibody (AA 501-600)



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Overview

Quantity:	100 µL
Target:	CDHR4
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDHR4 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDH29
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	CDHR4
Alternative Name:	CDH29 (CDHR4 Products)

Target Details

Background:	<p>Synonyms: Cadherin-like protein 29, Cadherin-related family member 4, CDH29, CDHR4, CDHR4_HUMAN, UNQ9392/PRO34300, VLLR9392.</p> <p>Background: The cadherins are a family of Ca²⁺-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of structure and morphogenesis. Cadherins each contain a large extracellular domain at the N-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. Cadherin-29, also known as Cadherin-related family member 4, is a 788 amino acid single-pass type I membrane protein that has four cadherin domains. There are two isoforms of cadherin-29 that are produced as a result of alternative splicing events. The gene encoding cadherin-29 maps to human chromosome 3, which is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells.</p>
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Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months