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Datasheet for ABIN356865

## anti-Cadherin 4 antibody (N-Term)





## Overview

Alternative Name:

Quantity:	0.4 mL
Target:	Cadherin 4 (CDH4)
Binding Specificity:	AA 182-211, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS),
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 182~211 amino acids from the N-terminal region of
	human CDH4 . Genename: CDH4
Isotype:	Ig Fraction
Specificity:	This antibody is specific to CDH4 (N-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	Cadherin 4 (CDH4)

Cadherin-4 (CDH4 Products)

## **Target Details**

Background:	CDH4 is a classical cadherin from the cadherin superfamily. It is a calcium-dependent cell-cell
	adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane
	region and a highly conserved cytoplasmic tail. Based on studies in chicken and mouse, this
	cadherin is thought to play an important role during brain segmentation and neuronal
	outgrowth. In addition, a role in kidney and muscle development is indicated. Of particular
	interest are studies showing stable cis-heterodimers of cadherins 2 and 4 in cotransfected cell
	lines. Previously thought to interact in an exclusively homophilic manner, this is the first
	evidence of cadherin heterodimerization. Synonyms: CDH4, Cadherin R, R Cadherin, R-CAD,
	Retinal Cadherin
Molecular Weight:	100281 Da
Gene ID:	1002, 9606
UniProt:	P55283
Pathways:	Cell-Cell Junction Organization, Regulation of Cell Size
Application Details	
Application Notes:	ELISA: 1/1,000. Western blot: 1/50-1/100. Immunohistochemistry: 1/10-1/50.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

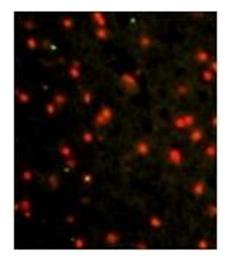


Image 1.

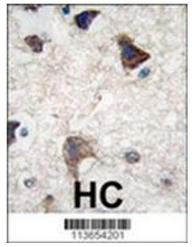


Image 2.

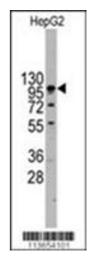


Image 3.

Please check the product details page for more images. Overall 4 images are available for ABIN356865.