antibodies

## Datasheet for ABIN6138295 anti-Cadherin 4 antibody (AA 757-916)

I Image



Overview

0.0.000	
Quantity:	100 μL
Target:	Cadherin 4 (CDH4)
Binding Specificity:	AA 757-916
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 757-916 of human CDH4 (NP_001785.2).
Sequence:	KRREKERHTK QLLIDPEDDV RDNILKYDEE GGGEEDQDYD LSQLQQPEAM GHVPSKAPGV RRVDERPVGA EPQYPIRPMV PHPGDIGDFI NEGLRAADND PTAPPYDSLL VFDYEGSGST AGSVSSLNSS SSGDQDYDYL NDWGPRFKKL ADMYGGGEED
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Purification:

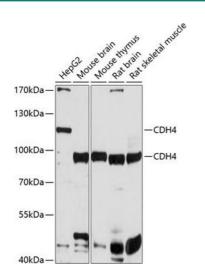
Affinity purification

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Cadherin 4 (CDH4)
CDH4 (CDH4 Products)
This gene is a classical cadherin from the cadherin superfamily. The encoded protein 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. Three transcript variants encoding
different isoforms have been found for this gene.,CDH4,CAD4,R-CAD,RCAD,Signal
Transduction,Cell Biology & Developmental Biology,Cell
Adhesion,Cadherins,Cytoskeleton,Neuroscience,CDH4
92 kDa/100 kDa
1002
P55283
Cell-Cell Junction Organization, Regulation of Cell Size
WB,1:1000 - 1:2000
HIGH QUALITY
For Research Use only
Liquid
PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
should be handled by trained staff only.
-20 °C

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## Images



## **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using CDH4 antibody (ABIN6129232, ABIN6138295, ABIN6138296 and ABIN6214850) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.