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:

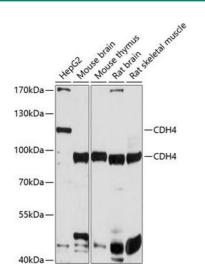
Affinity purification

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6138295 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

| 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 |
| |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6138295 | 09/10/2023 | Copyright antibodies-online. All rights reserved. Storage Comment:

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.