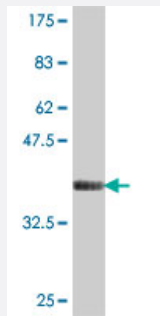


CDH4 polyclonal antibody (A01)

Catalog # H00001002-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CDH4.
Immunogen	CDH4 (NP_001785, 635 a.a. ~ 734 a.a) partial recombinant protein with GST tag.
Sequence	AADADVDPNIGPYVFELPFVPAAVRKNWTITRLNGDYAQLSLRILYLEAGMYDVPIIVTDSGNPPLS NTSIKVKVCPCDDNGDCTTIGAVAAAGLGTGA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CDH4

Entrez GeneID [1002](#)

GeneBank Accession# [NM_001794](#)

Protein Accession# [NP_001785](#)

Gene Name CDH4

Gene Alias CAD4, FLJ22202, FLJ40547, MGC126700, MGC138355, RCAD

Gene Description cadherin 4, type 1, R-cadherin (retinal)

Omim ID [603006](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000031444|R-cadherin|cadherin 4, type 1|cadherin 4, type 1, preproprotein|retinal cadherin

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cerebral Hemorrhage](#)

- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)