SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-CDH4 Monoclonal Antibody

Catalog Number: SLA0785M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	4H11
SWISS:	P55283
Target:	CDH4
Immunogen:	Synthesized peptide derived from human R-Cadherin.
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	81 kDa
Background:	cadherin 4 (CDH4) Homo sapiens 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 , 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

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	encoding different isoforms have been found for this gene. [provided by RefSeq , Nov 2011]

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