



Cadherin-8 Monoclonal Antibody

Catalog No	YP-mAb-16936
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CDH8
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH8. AA range:491-540
Specificity	Cadherin-8 Monoclonal Antibody detects endogenous levels of Cadherin-8 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CADH8_HUMAN;Cadherin 8;type 2;Cadherin-8;CDH 8;Cdh8;Nbla4261;Putative protein product of Nbla4261
Observed Band	90kD
Calculated Molecular Weight	90kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Mainly expressed in brain. Found in certain nerve cell lines, such as retinoblasts, glioma cells and neuroblasts.
Function	function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types., similarity:Contains 5 cadherin domains.,tissue specificity:Mainly expressed in brain. Found in certain nerve cell lines, such as retinoblasts, glioma cells and neuroblasts.,
Background	This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular



domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance. [provided by RefSeq, Jul 2008],

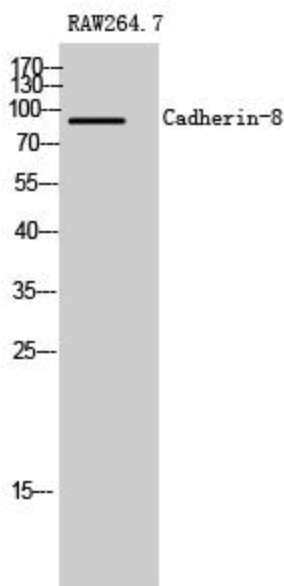
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Cadherin-8 Monoclonal Antibody