



Cadherin-22 Polyclonal Antibody

Catalog No	YP-Ab-16931
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CDH22
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH22. AA range:111-160
Specificity	Cadherin-22 Polyclonal Antibody detects endogenous levels of Cadherin-22 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C2orf25;CAD22_HUMAN;Cadherin 22;type 2;Cadherin-22;Cadherin-like 22; Cdh22;dJ998H6.1;MGC39564;Ortholog of rat PB-cadherin;PB-cadherin;Pituitary and brain cadherin;C20orf25
Observed Band	84kD
Calculated Molecular Weight	84kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,Testis,
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. PB-cadherins may have a role in the morphological organization of pituitary gland and brain tissues.,similarity:Contains 5 cadherin domains.,



Background

This gene is a member of the cadherin superfamily. The gene product is composed of five cadherin repeat domains and a cytoplasmic tail similar to the highly conserved cytoplasmic region of classical cadherins. Expressed predominantly in the brain, this putative calcium-dependent cell adhesion protein may play an important role in morphogenesis and tissue formation in neural and non-neural cells during development and maintenance of the brain and neuroendocrine organs. [provided by RefSeq, Jul 2008],

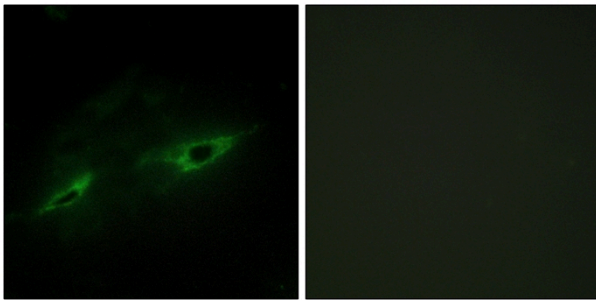
matters needing attention

Avoid repeated freezing and thawing!

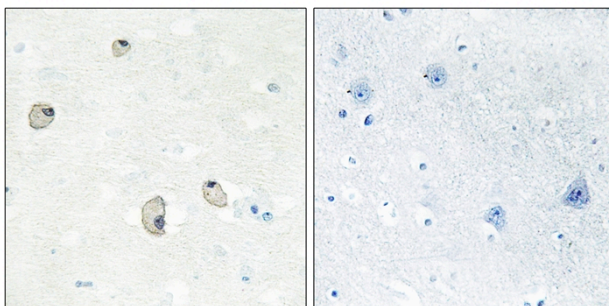
Usage suggestions

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

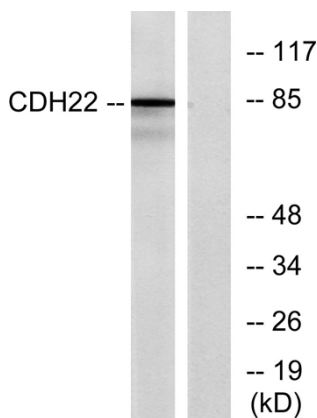
Products Images



Immunofluorescence analysis of NIH/3T3 cells, using CDH22 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDH22 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from rat brain cells, using CDH22 Antibody. The lane on the right is blocked with the synthesized peptide.