

产品名称: R-cadherin Rabbit Polyclonal Antibody
产品货号: APRab16975



产品概述 (Summary)

产品名称 (Production Name)	R-cadherin Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CDH4
别名 (Alternative Names)	CDH4; Cadherin-4; Retinal cadherin; R-CAD; R-cadherin
基因 ID (Gene ID)	1002.0
蛋白 ID (SwissProt ID)	P55283. The antiserum was produced against synthesized peptide derived from human CDH4. AA range: 731-780

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

产品名称: R-cadherin Rabbit Polyclonal Antibody
产品货号: APRab16975

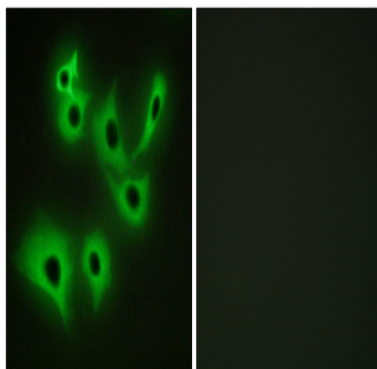


This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Based on studies in chicken and mouse, this cadherin 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. [provided by RefSeq, Nov 2011],function:Cadherins are calcium dependent cell adhesion proteins.,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. May play an important role in retinal development.,similarity:Contains 5 cadherin domains.,tissue specificity:Expressed mainly in brain but also found in other tissues.,

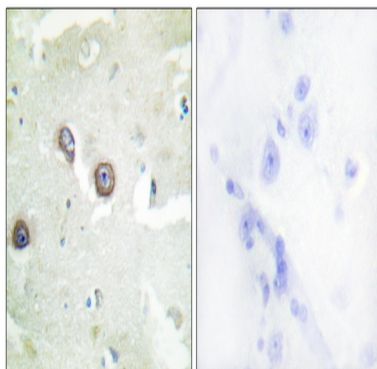
研究领域 (Research Area)

Cell adhesion molecules (CAMs);

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using CDH4 Antibody. The picture on the right is blocked with the synthesized peptide.

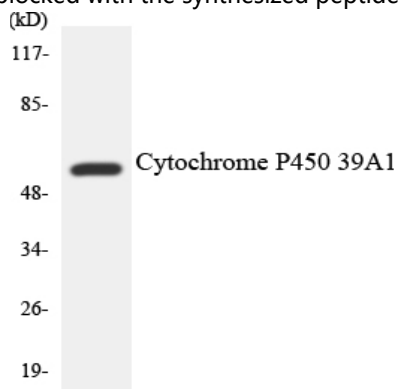


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDH4 Antibody. The picture on the right is

产品名称: R-cadherin Rabbit Polyclonal Antibody
产品货号: APRab16975



blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using Cytochrome P450 2D6 antibody.

注意事项 (Note)

For research use only .