

产品名称: Protocadherin-11 Rabbit Polyclonal Antibody
产品货号: AP Rab16535



产品概述 (Summary)

产品名称 (Production Name)	Protocadherin-11 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, Rat, 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)	PCDH11X/PCDH11Y
别名 (Alternative Names)	PCDH11Y; PCDH11; PCDH22; PCDHY; Protocadherin-11 Y-linked; Protocadherin-11; Protocadherin on the Y chromosome; PCDH-Y; Protocadherin prostate cancer; Protocadherin-PC; Protocadherin-22; PCDH11X; KIAA1326; PCDH11; PCDHX; Protocadherin-11 X-
基因 ID (Gene ID)	83259/27328
蛋白 ID (SwissProt ID)	Q9BZA8/Q9BZA7. The antiserum was produced against synthesized peptide derived from human PCDH-X/Y. AA range: 531-580

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight)

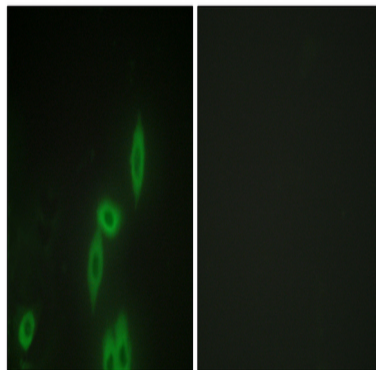
研究背景 (Background)

This gene belongs to the protocadherin family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing seven cadherin repeats, a transmembrane domain, and a cytoplasmic tail that differs from those of the classical cadherins. This gene is located on the Y chromosome in a block of X/Y homology and is very closely related to its paralog on the X chromosome. The protein is thought to play a role in cell-cell recognition during development of the central nervous system. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013], alternative products: Additional isoforms seem to exist, disease: A chromosomal aberration involving PCDH11Y is a cause of multiple congenital abnormalities, including severe bilateral vesicoureteral reflux (VUR) with ureterovesical junction defects. Translocation t(Y;3)(p11;p12) with ROBO2, function: Potential calcium-dependent cell-adhesion protein, similarity: Contains 7 cadherin domains, subunit: Interacts with CTNNB1, tissue specificity: Expressed strongly in fetal brain and brain (cortex, amygdala, thalamus, substantia nigra, hippocampus, caudate nucleus and corpus callosum). Expressed at low level in testis. Expressed in apoptosis-resistant cells,

研究领域 (Research Area)

Neuroscience; Cell Adhesion Proteins; Membrane Proteins; Signal Transduction; Cytoskeleton / ECM; Cell Adhesion; Cadherins

图片 (Image Data)



Immunofluorescence analysis of HepG2 cells, using PCDH-X/Y Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .