ELK Biotechnology

Protocadherin-11 rabbit pAb

Cat No.:ES7671

For research use only

Overview

Product Name	Protocadherin-11 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PCDH-X/Y. AA range:531-580
Specificity	Protocadherin-11 Polyclonal Antibody detects endogenous levels of Protocadherin-11 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protocadherin-11 X/Y-linked
Gene Name	PCDH11X/PCDH11Y
Cellular localization	Cell membrane ; Single-pass type I membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	83259/27328
Human Swiss-Prot Number	Q9BZA8/Q9BZA7
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-

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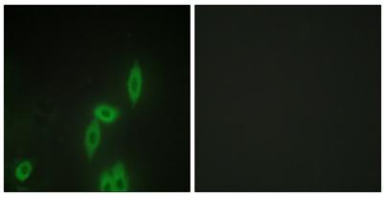
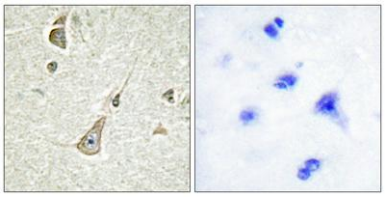
Background

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],

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



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



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