



## Rabbit Anti-PCDH11X antibody

SL11107R

<b>Product Name:</b>	PCDH11X
<b>Chinese Name:</b>	原钙粘附蛋白11X抗体
<b>Alias:</b>	PCDH11; PCDH22; PCDHX; PCDHY; Protocadherin 11; Protocadherin 11 X linked; Protocadherin 11 Y linked; Protocadherin 22; Protocadherin on the X chromosome; Protocadherin on the Y chromosome; Protocadherin PC; Protocadherin prostate cancer; PC11X HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	145kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PCDH11X:601-700/1347<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 7 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those

of the classical cadherins. The gene is located in a major X/Y block of homology and its Y homolog, despite divergence leading to coding region changes, is the most closely related cadherin family member. The protein is thought to play a fundamental role in cell-cell recognition essential for the segmental development and function of the central nervous system. Transcripts arising from alternative splicing encode isoforms with variable cytoplasmic domains. [provided by RefSeq, Jul 2008].

**Function:**

Potential calcium-dependent cell-adhesion protein.

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein (Potential).

**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.

**Similarity:**

Contains 7 cadherin domains.

**SWISS:**

Q9BZA7

**Gene ID:**

27328

**Database links:**

[Entrez Gene: 27328](#) Human

[Entrez Gene: 245578](#) Mouse

[Omim: 300246](#) Human

[SwissProt: Q9BZA7](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.