

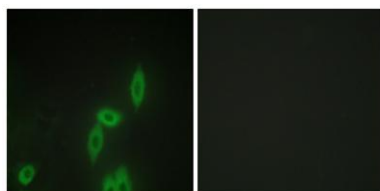
## Protocadherin-11 rabbit pAb

**Cat#: orb770546 (Manual)**

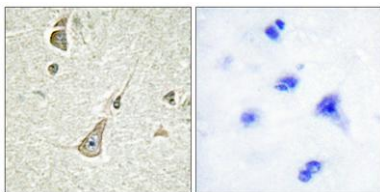
For research use only. Not intended for diagnostic use.

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

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	83259/27328
<b>Human Swiss-Prot Number</b>	Q9BZA8/Q9BZA7
<b>Alternative Names</b>	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-
<b>Background</b>	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.**