



# Anti-PCDH11Y (internal region) polyclonal antibody (DPAB-DC3408)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</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.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human PCDH11Y. The sequence is C-KYNWVTPTTFK
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide

**Storage**

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

Gene Name	<a href="#">PCDH11Y protocadherin 11 Y-linked [ Homo sapiens (human) ]</a>
Official Symbol	PCDH11Y
Synonyms	PCDH11Y; protocadherin 11 Y-linked; PCDHX; PCDHY; PCDH22; PCDH-PC; protocadherin-11 Y-linked; protocadherin 22; protocadherin-PC; protocadherin prostate cancer; protocadherin on the Y chromosome;
Entrez Gene ID	<a href="#">83259</a>
Protein Refseq	<a href="#">NP_001265548</a>
UniProt ID	<a href="#">Q9BZA8</a>
Chromosome Location	Yp11.2
Function	calcium ion binding;