



# Anti-PCDH11Y (aa 57-165) polyclonal antibody (DPAB-DC3409)

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>	PCDH11Y (NP_004733, 57 a.a. ~ 165 a.a) partial recombinant protein with GST tag. The sequence is EKNYTIREEIPENVLIGNLLKDLNLSLIPNKSLTTTMMQFKLVYKTGDVPLIRIEEDTGEI FTTGARIDREKLCAGIPRDEHCFYEVEVAILPDEIFRLVKIRFLIEDIN
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PCDH11Y protocadherin 11 Y-linked [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PCDH11Y
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">83259</a>
<b>Protein Refseq</b>	<a href="#">NP_001265548</a>
<b>UniProt ID</b>	<a href="#">Q9BZA8</a>
<b>Chromosome Location</b>	Yp11.2
<b>Function</b>	calcium ion binding;