



## Anti-PCDHB11 (aa 27-126) polyclonal antibody (DPAB-DC2491)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3 exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections.
<b>Immunogen</b>	PCDHB11 (NP_061754, 27 a.a. ~ 126 a.a) partial recombinant protein with GST tag. The sequence is  GSETWSFSVAEEMQSGSFVGNLAKDLGLKVRELSSRGARVVSNDKKQRLQLDINTGDLLL SETLDREELCGSIEPCVLHLQVLMQNPTQFLQIELQVRDI
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None

**Storage**

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

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PCDHB11 protocadherin beta 11 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PCDHB11
<b>Synonyms</b>	PCDHB11; protocadherin beta 11; ME2; PCDH-BETA11; protocadherin beta-11; PCDH-beta-11; cadherin ME2;
<b>Entrez Gene ID</b>	<a href="#">56125</a>
<b>Protein Refseq</b>	<a href="#">NP_061754</a>
<b>UniProt ID</b>	<a href="#">Q9Y5F2</a>
<b>Chromosome Location</b>	5q31
<b>Function</b>	calcium ion binding;

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