



## Anti-PCDH8 (aa 32-120) polyclonal antibody (DPAB-DC2113)

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 gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails.
<b>Immunogen</b>	PCDH8 (NP_002581, 32 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is  VRYSTFEEDAPGTVIGTLAEDLHMKVSGDTSFRLMKQFNSSLRVREGDGQLTVGDAGLD RERLCGQAPQCVLAFDVVSFSSEQFRLVH
<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
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">PCDH8 protocadherin 8 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PCDH8
<b>Synonyms</b>	PCDH8; protocadherin 8; PAPC; ARCADLIN; protocadherin-8;
<b>Entrez Gene ID</b>	<a href="#">5100</a>
<b>Protein Refseq</b>	<a href="#">NP_002581</a>
<b>UniProt ID</b>	<a href="#">O95206</a>
<b>Chromosome Location</b>	13q21.1
<b>Function</b>	calcium ion binding;

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