



Anti-PCDH1 (aa 62-169) polyclonal antibody (DPAB-DC2110)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to the protocadherin subfamily within the cadherin superfamily. The encoded protein is a membrane protein found at cell-cell boundaries. It is involved in neural cell adhesion, suggesting a possible role in neuronal development. The protein includes an extracellular region, containing 7 cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic region. Cells expressing the protein showed cell aggregation activity. Alternative splicing occurs in this gene.
Immunogen	PCDH1 (NP_002578, 62 a.a. ~ 169 a.a) partial recombinant protein with GST tag. The sequence is YKVPPEEQPPNTLIGSLAADYGFPDVGHLYKLEV GAPYLRVDGKTGDIFTTETSIDREGLR ECQNQLPGDPCILEFEVSITDLVQNGSPRLLEGQIEVQDINDNTPNFA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PCDH1 protocadherin 1 [Homo sapiens (human)]
Official Symbol	PCDH1
Synonyms	PCDH1; protocadherin 1; PC42; PCDH42; protocadherin-1; cadherin-like 1; protocadherin 42; protocadherin-42; cadherin-like protein 1;
Entrez Gene ID	5097
Protein Refseq	NP_001265542
UniProt ID	B4DUA8
Chromosome Location	5q31.3
Function	calcium ion binding;