



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

Antigen Description	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.
Immunogen	PCDHB11 (NP_061754, 27 a.a. ~ 126 a.a) partial recombinant protein with GST tag. The sequence is GSETWSFSVAEEMQSGSFVGNLAKDLGLKVRELSSRGARVVSNDKKQRLQLDINTGDL LSETLDREELCGSIEPCVLHLQVLMQNPTQFLQIELQVRDI
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	PCDHB11 protocadherin beta 11 [Homo sapiens (human)]
Official Symbol	PCDHB11
Synonyms	PCDHB11; protocadherin beta 11; ME2; PCDH-BETA11; protocadherin beta-11; PCDH-beta-11; cadherin ME2;
Entrez Gene ID	56125
Protein Refseq	NP_061754
UniProt ID	Q9Y5F2
Chromosome Location	5q31
Function	calcium ion binding;