



Anti-PCDH11X (aa 1228-1336) polyclonal antibody (DPAB-DC1372)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 7 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene is located in a major X/Y block of homology and its Y homolog, despite divergence leading to coding region changes, is the most closely related cadherin family member. The protein is thought to play a fundamental role in cell-cell recognition essential for the segmental development and function of the central nervous system. Disruption of this gene may be associated with developmental dyslexia. Alternative splicing results in multiple transcript variants.
Immunogen	PCDH11X (NP_061850, 1228 a.a. ~ 1336 a.a) partial recombinant protein with GST tag. The sequence is AQASALCYSPPLAQAAAISHSSPLPQVIALHRSQAQSSVSLQQGWVQGADGLCSVDQGVQ GSATSQFYTMSERLHPSDDSIKVIPLTTFTPRQQARPSRGDSPIMEEHP
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	PCDH11X protocadherin 11 X-linked [Homo sapiens (human)]
Official Symbol	PCDH11X
Synonyms	PCDH11X; protocadherin 11 X-linked; PCDHX; PCDH-X; PCDH11; PPP1R119; protocadherin-11 X-linked; protocadherin-S; protocadherin 11X; protocadherin on the X chromosome; protein phosphatase 1, regulatory subunit 119;
Entrez Gene ID	27328
Protein Refseq	NP_001161832
UniProt ID	Q9BZA7
Chromosome Location	Xq21.3
Function	calcium ion binding;