



Anti-PCDHB2 (full length) polyclonal antibody (CABT-BL2860)

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

PRODUCT INFORMATION

Immunogen	Full length human PCDHB2 protein (AAH98575.1, 1 a.a. ~ 798 a.a)
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Cell membrane; Single-pass type I membrane protein.
Format	Liquid
Buffer	1X PBS, pH 7.2
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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
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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.

GENE INFORMATION

Entrez Gene ID	56133
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Protein Refseq	NP_061759
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UniProt ID	Q4KMG6
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