

Datasheet

PCDHB4 polyclonal antibody

Catalog Number: PAB20726

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant PCDHB4.

Immunogen: Recombinant protein corresponding to amino acids of human PCDHB4.

Sequence:

LCGPIEPCVLHFQVFLEMPVQFFQGELLIQDINDHSPIF
PEREVLLKILENSQPGTLFPLLIAEDLDVGSNGLQKYTI
SPNSHFILTRNHSEGKKYPDLV

Host: Rabbit

Reactivity: Human

Applications: IF, IHC-P

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry

(1:50-1:200)

Immunofluorescence (1-4 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 56131

Gene Symbol: PCDHB4

Gene Alias: PCDH-BETA4

Gene Summary: 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. [provided by RefSeq]