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Datasheet for ABIN7465992 **anti-PCDHB3 antibody**

Overview

Quantity:	100 µL
Target:	PCDHB3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PCDHB3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PCDHB3
Alternative Name:	protocadherin beta 3 (PCDHB3 Products)
Background:	Protocadherin beta 3 , PCDH-BETA3, 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

Target Details

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]

Molecular Weight: 87 kDa

Gene ID: 56132

UniProt: [Q9Y5E6](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HeLa cell membrane

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.78 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.