PCDHB16 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PCDHB16, Polyclonal Antibody
Full Product Name	PCDHB16 Antibody
Product Gene Name	anti-PCDHB16 antibody
Product Synonym Names	ME1; PCDH3X; PCDHB8a; PCDH-BETA16
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total PCDHB16 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	84,983 Da
OMIM	604967
3D Structure	ModBase 3D Structure for Q9NRJ7
Immunogen	Fusion protein corresponding to a region derived from internal residues of human protocadherin beta 16
Product Categories/Family for anti-PCDHB16 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PCDHB16 antibody	Immunohistochemistry (IHC)
Application Notes for anti-PCDHB16 antibody	IHC: 1:25-1:100
Related Product Information for anti-PCDHB16 antibody	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
Other Notes	Small volumes of anti-PCDHB16 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PCDHB16 purchase	MBS8589344 is an antibody targeting PCDHB16. Also known as PCDHB16 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PCDHB16. It may not necessarily be applicable to this product.

NCBI GI #	605052038
NCBI GeneID	57717
NCBI Accession #	NP_066008
UniProt Primary Accession #	Q9NRJ7
UniProt Secondary Accession #	Q8IYD5; Q96SE9; Q9HCF1; B3KPK5
UniProt Related Accession #	Q9NRJ7
GenBank Nucleotide #	NM_020957
NCBI Official Full Name	protocadherin beta-16
NCBI Official Synonym Full Names	protocadherin beta 16
NCBI Official Symbol	PCDHB16
NCBI Official Synonym Symbols	ME1; PCDH3X; PCDHB8a; PCDH-BETA16
UniProt Protein Name	Protocadherin beta-16
UniProt Synonym Protein Names	Protocadherin-3X
Protein Family	Protocadherin
UniProt Gene Name	PCDHB16
UniProt Synonym Gene Names	KIAA1621; PCDH3X; PCDH-beta-16
UniProt Entry Name	PCDBG_HUMAN
NCBI Protein Information	protocadherin beta-16; cadherin ME1; protocadherin beta 8a; protocadherin-3x
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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