PCDH17 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PCDH17, Polyclonal Antibody
Full Product Name	PCDH17 Polyclonal Conjugated Antibody
Product Gene Name	anti-PCDH17 antibody
Product Synonym Names	PCDH17 Conjugated Antibody; PCDH17; PCDH68; PCH68; protocadherin-17
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	96,570 Da
3D Structure	ModBase 3D Structure for O14917
Immunogen	Recombinant fusion protein of human PCDH17 (NP_001035519.1).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-PCDH17 antibody	Most Applications
Application Notes for anti-PCDH17 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-PCDH17 antibody	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein contains six extracellular cadherin domains, a transmembrane domain, and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein may play a role in the establishment and function of specific cell-cell connections in the brain.
Other Notes	Small volumes of anti-PCDH17 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 PCDH17 purchase	MBS9439357 is an antibody targeting PCDH17. Also known as PCDH17 Polyclonal Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PCDH17. It may not necessarily be applicable to this product.

NCBI GI #	94538350
NCBI GeneID	27253
NCBI Accession #	NP_001035519.1
UniProt Primary Accession #	O14917
UniProt Secondary Accession #	Q5VVW9; Q5VVX0; A8K1R5
UniProt Related Accession #	O14917
GenBank Nucleotide #	NM_001040429.2
NCBI Official Full Name	protocadherin-17
NCBI Official Synonym Full Names	protocadherin 17
NCBI Official Symbol	PCDH17
NCBI Official Synonym Symbols	PCH68; PCDH68
Protein Family	Protocadherin
NCBI Protein Information	protocadherin-17
UniProt Comments for PCDH17	PCDH17: Potential calcium-dependent cell-adhesion protein. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 13q21.1 Cellular Component: integral to membrane; plasma membrane Molecular Function: protein binding; calcium ion binding Biological Process: homophilic cell adhesion
Research Articles on PCDH17	**1.** PCDH17 promoter methylation is closely associated with bladder cancer malignancy and may be used as an independent predictor of clinical outcomes in patients with bladder cancer.
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