

Rabbit anti-Human PCDHB5 Polyclonal Antibody | anti-PCDHB5 antibody

PCDHB5 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286515	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PCDHB5; Polyclonal Antibody; PCDHB5 Antibody (Center); Protocadherin beta-5; PCDH-beta-5; anti-PCDHB5 antibody

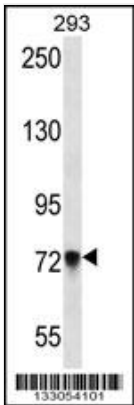
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PCDHB5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from the Central region of human PCDHB5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	278-307
Sequence Length	795
Applicable Applications for anti-PCDHB5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PCDHB5 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PCDHB5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PCDHB5 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the PCDHB5 antibody detected the PCDHB5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PCDHB5 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.
Product Categories/Family for anti-PCDHB5 antibody	Cancer; Neuroscience; Signal transduction
References	Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Frank, M., et al. Curr. Opin. Cell Biol. 14(5):557-562(2002) Vanhalt, K., et al. FEBS Lett. 495 (1-2), 120-125 (2001) : Wu, Q., et al. Genome Res. 11(3):389-404(2001) Nollet, F., et al. J. Mol. Biol. 299(3):551-572(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661662
NCBI GeneID	26167
NCBI Accession #	NP_056484.1
NCBI GenBank Nucleotide #	NM_015669.3
UniProt Accession #	Q9Y5E4; Q549F4; Q9UFU9
Molecular Weight	86423
NCBI Official Full Name	protocadherin beta-5

NCBI Official Synonym Full Names	protocadherin beta 5
NCBI Official Symbol	PCDHB5
NCBI Official Synonym Symbols	PCDH-BETA5
NCBI Protein Information	protocadherin beta-5
UniProt Protein Name	Protocadherin beta-5
UniProt Gene Name	PCDHB5
UniProt Synonym Gene Names	PCDH-beta-5
UniProt Entry Name	PCDB5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pcdhb5-antibody-immunohistochemistry-western-blot-elisa/286515>