

Rabbit anti-Human PCDHGB5 Polyclonal Antibody | anti-PCDHGB5 antibody

PCDHGB5 Polyclonal Antibody

CATALOG # AAA175940	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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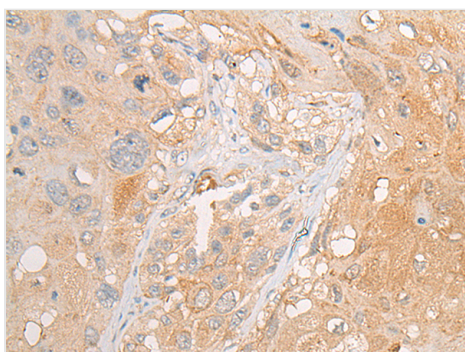
PRODUCT SYNONYMS

PCDHGB5; Polyclonal Antibody; PCDHGB5 Polyclonal Antibody; PCDH gamma B5; PCDH-GAMMA-B5; PCDHGB 5; Protocadherin gamma B5; Protocadherin gamma subfamily B 5; anti-PCDHGB5 antibody

PRODUCT SPECIFICATIONS

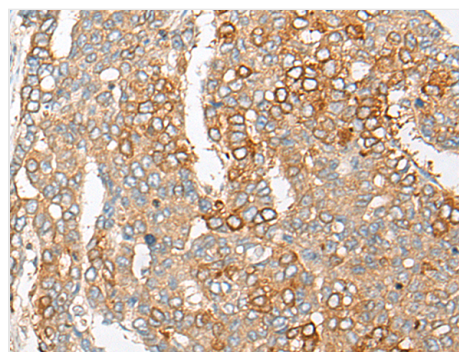
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.4mg/mL (varies by lot)
Sequence Length	923
Applicable Applications for anti-PCDHGB5 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human PCDHGB5
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PCDHGB5 Polyclonal Antibody at dilution of 1:35(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PCDHGB5 Polyclonal Antibody at dilution of 1:35(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-PCDHGB5 antibody	This gene is a member of the protocadherin gamma gene cluster, one of three related clusters tandemly linked on chromosome five. These gene clusters have an immunoglobulin-like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region, which includes 6 cadherin ectodomains and a transmembrane region. The constant region exons encode the common cytoplasmic region. These neural cadherin-like cell adhesion proteins most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been described for the gamma cluster genes.
Product Categories/Family for anti-PCDHGB5 antibody	Cancer; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	11128031
NCBI GeneID	56101
NCBI Accession #	NP_061748
NCBI GenBank Nucleotide #	NP_061748.1
UniProt Accession #	Q9Y5G0
NCBI Official Full Name	protocadherin gamma-B5 isoform 1
NCBI Official Synonym Full Names	protocadherin gamma subfamily B, 5
NCBI Official Symbol	PCDHGB5
NCBI Official Synonym Symbols	PCDH-GAMMA-B5
NCBI Protein Information	protocadherin gamma-B5
UniProt Protein Name	Protocadherin gamma-B5
UniProt Gene Name	PCDHGB5
UniProt Synonym Gene Names	PCDH-gamma-B5
UniProt Entry Name	PCDGH_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/pcdhgb5-antibody-immunohistochemistry-elisa/175940>