

Rabbit anti-Human PCDHGB3 Polyclonal Antibody | anti-PCDHGB3 antibody

Anti-PCDHGB3 Antibody, Rabbit Polyclonal

CATALOG # AAA255959	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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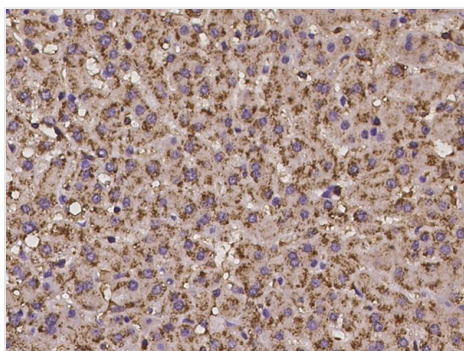
PRODUCT SYNONYMS

PCDHGB3; Polyclonal Antibody; Anti-PCDHGB3 Antibody; Rabbit Polyclonal; PCDHGB3 Antibody; Rabbit PAb; Antigen Affinity Purified; protocadherin gamma subfamily B; 3; Anti-PCDH-GAMMA-B3 Antibody; anti-PCDHGB3 antibody

PRODUCT SPECIFICATIONS

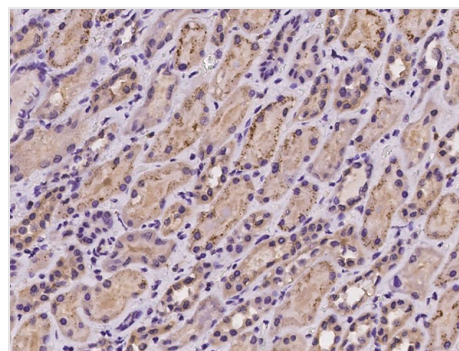
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PCDHGB3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PCDHGB3 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PCDHGB3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PCDHGB3 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PCDHGB3 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PCDHGB3 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PCDHGB3 antibody	PCDHGB3 (Protocadherin Gamma Subfamily B, 3) is a Protein Coding gene located on 5q31. 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. 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. Diseases associated with PCDHGB3 include Saethre-Chotzen Syndrome.
References	Yagi T, et al. (2000) Cadherin superfamily genes: Functions, genomic organization, and neurologic diversity. Genes Dev 14 (10): 1169-1180.Wu Q, et al. (2001) Comparative DNA sequence analysis of mouse and human protocadherin gene clusters. Genome Res 11 (3): 389-404.Nicoludis JM, et al. (2016) Antiparallel protocadherin homodimers use distinct affinity-and specificity-mediating regions in cadherin repeats 1-4. Elife 5: e18449.

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/pcdhgb3-antibody-immunohistochemistry-elisa/255959>