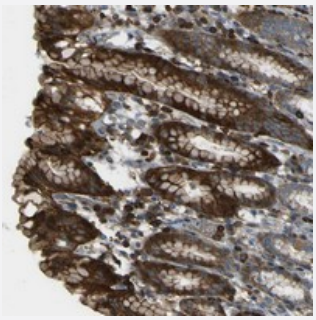
PCDHB5 polyclonal antibody

Catalog # PAB20644 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with PCDHB5 polyclonal antibody (Cat # PAB20644) shows strong cytoplasmic and membranous positivity in glandular cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PCDHB5.
Immunogen	Recombinant protein corresponding to amino acids of human PCDHB5.
Sequence	HYKGNKELLQLDIKTGNLLLYEKLDREVMCGATEPCILHFQLLLENPVQFFQTDLQLTDINDHAPEF PEKEMLLKIPESTQPGTVFPLKIAQDFDIGSNTVQNY
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — PCDHB5

Entrez GeneID	26167
Protein Accession#	Q9Y5E4
Gene Name	PCDHB5
Gene Alias	DKFZp586B0217, PCDH-BETA5
Gene Description	protocadherin beta 5
Omim ID	606331
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters t andemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organiz ation 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 d eviates 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 trans cripts from these genes are made up of only one large exon, not sharing common 3' exons as exp ected. 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 an d function of specific cell-cell neural connections. [provided by RefSeq
Other Designations	-