Elabscience®

PCDHGB5 Polyclonal Antibody

catalog number: E-AB-19758

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description		
Reactivity	Human	
Immunogen	Synthetic peptide of human PCDHGB5	
Host	Rabbit	
Isotype	IgG	
Purification	Antigen affinity purification	
Conjugation	Unconjugated	
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.	
Applications	Recommended Dilution	
IHC	1:30-1:150	
Data		
Immunohistochemistry of paraffi	n-embedded Human liver	Immunohistochemistry of paraffin-embedded Human
cancer tissue using PCDHGB5 Polyclonal Antibody at		esophagus cancer tissue using PCDHGB5 Polyclonal
dilution of 1:35(×200)		Antibody at dilution of 1:35(×200)
Preparation & Storage		
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.	

Background

Shipping

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 subfamilie s. 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.

temperature recommended.

The product is shipped with ice pack, upon receipt, store it immediately at the