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Datasheet for ABIN1539248

anti-PCDHGC4 antibody (N-Term)



Image



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Quantity:	400 μL
Target:	PCDHGC4
Binding Specificity:	AA 265-291, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This PCDHGC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 265-291 amino acids from the N-terminal region of human PCDHGC4.
Clone:	RB39610
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

Target:	PCDHGC4
Alternative Name:	PCDHGC4 (PCDHGC4 Products)
Background:	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.

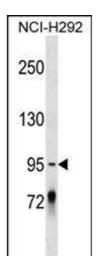
Molecular Weight:	101214
Gene ID:	56098
NCBI Accession:	NP_061751, NP_115782
UniProt:	Q9Y5F7

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	PCDHGC4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	



Western Blotting

Image 1. PCDHGC4 Antibody (N-term) (ABIN1539248 and ABIN2850270) western blot analysis in NCI- cell line lysates (35 μ g/lane).This demonstrates the PCDHGC4 antibody detected the PCDHGC4 protein (arrow).