PCDHGA8 Antibody (C-term)

Catalog_no：	AB0989
Applications：	FC, WB
Reactivity：	H
Category：	抗原抗体
Size：	100μL/50μL
Immunogen：	HUMAN:781-808
Specificity：	This PCDHGA8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 781-808 amino acids from the C-terminal region of human PCDHGA8.
Dilution：	WB,1:1000;IHC-P,1:10~50;IF,1:10~50;
Purification：	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name：	Protocadherin gamma-A8, PCDH-gamma-A8, PCDHGA8, KIAA0327
Isotype：	Rabbit Ig
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.
reference：	Wu, Q., et al. Genome Res. 11(3):389-404(2001) Nollet, F., et al. J. Mol. Biol. 299(3):551-572(2000) Yagi, T., et al. Genes Dev. 14(10):1169-1180(2000) Wu, Q., et al. Proc. Natl. Acad. Sci. U.S.A. 97(7):3124-3129(2000) Wu, Q., et al. Cell 97(6):779-7