

PCDHAC2 Antibody (Center)

Catalog_no :	AB1006
Applications :	WB, IF
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:616-644
Specificity :	This PCDHAC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 616-644 amino acids from the Central region of human PCDHAC2.
Dilution :	WB,1:1000;IHC-P,1:10~50;IF,1:10~50;FC,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 alpha-C2, PCDH-alpha-C2, PCDHAC2
Isotype :	Rabbit Ig
Background :	This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined.
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) Sugino, H., et al. Genomics 63(