For Research Use Only

PCDHA9 Polyclonal antibody

Catalog Number: 18075-1-AP

Featured Product



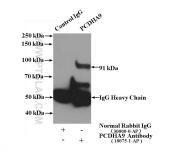


Basic Information	Catalog Number: 18075-1-AP	GenBank Accession Nun BC 104802	nber:	Purification Method: Antigen affinity purification	
	Size:	GenelD (NCBI):		Recommended Dilutions:	
	150ul , Concentration: 500 µg/ml by	9752		IP 0.5-4.0 ug for 1.0-3.0 mg of total	
	Nanodrop and 233 µg/ml by Bradford	UNIPROT ID:		protein lysate	
	method using BSA as the standard;	Q9Y5H5		IHC 1:50-1:500	
	Source: Rabbit	Full Name:			
	Isotype:	protocadherin alpha 9			
	IgG	Calculated MW: 950 aa, 102 kDa			
	- Immunogen Catalog Number:	Observed MW: 91 kDa			
	AG12767				
Applications	Tested Applications:	,	Positive Cont	rols:	
	IHC, IP, ELISA			in tissue.	
	Cited Applications: WB,IF		IHC : mouse brain tissue, rat cerebellum tissue		
	Species Specificity: human, mouse, rat				
	Cited Species:				
	human, mouse				
	Note-IHC: suggested antigen ra TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0	vely, antigen			
	Protocadherins, which constitute the largest subgroup within the cadherin superfamily, are predominantly expressed in the nervous system and are probably involved in the regulation of neuronal recognition and connectivity (PMID: 17936607; 12231349; 17133224). The protocadherin subfamily can be further subdivided into three groups: the clustered protocadherins, comprising α -, β - and γ -protocadherins; δ -protocadherins; and others, many of which are solitary (PMID: 17133224). PCDHA9 belongs to the α -protocadherin (PCDHA) cluster. A homozygous variant in PCDHA9 has been found in three unrelated Chinese ALS patients, suggesting PCDHA9 as a candidate gene for amyotrophic lateral sclerosis(PMID: 38467605).				
Background Information	connectivity (PMID: 17936607; 12231 three groups: the clustered protocadh many of which are solitary (PMID: 17: homozygous variant in PCDHA9 has b	erins, comprising α-, β- aı 133224). PCDHA9 belong been found in three unrel	nd γ -protocad gs to the α-prot ated Chinese	ofamily can be further subdivided into herins; δ-protocadherins; and others, cocadherin (PCDHA) cluster. A	
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Notable Publications	connectivity (PMID: 17936607; 12231 three groups: the clustered protocadh many of which are solitary (PMID: 17: homozygous variant in PCDHA9 has b candidate gene for amyotrophic later Author Pub Qiyang Shen 294	erins, comprising α-, β- ai 133224). PCDHA9 belong been found in three unrel ral sclerosis(PMID: 38467 0med ID Journal 677871 Gene 67605 Nat Con er shipment.	nd γ -protocad gs to the α-prot ated Chinese (605).	ofamily can be further subdivided int herins; δ-protocadherins; and others, cocadherin (PCDHA) cluster. A ALS patients, suggesting PCDHA9 as Application WB	
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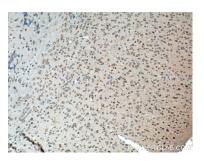
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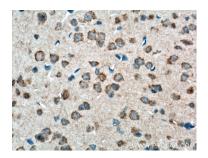
Selected Validation Data



IP result of anti-PCDHA9 (IP:18075-1-AP, 4ug: Detection:18075-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 18075-1-AP (PCDHA9 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 18075-1-AP (PCDHA9 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).