For Research Use Only

CA8 Polyclonal antibody

Catalog Number:12391-1-AP

Featured Product

9 Publications

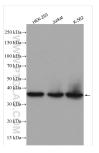


Basic Information	Catalog Number: 12391-1-AP	GenBank Accession Number: BC015531	Purification Method: Antigen affinity purification	
	Size: 150ul , Concentration: 650 ug/ml by	GeneID (NCBI): 767	Recommended Dilutions: WB 1:2000-1:12000	
	Nanodrop and 333 ug/ml by Bradford		IP 0.5-4.0 ug for 1.0-3.0 mg of total	
	method using BSA as the standard;	P35219	protein lysate	
	Source:	Full Name:	IHC 1:50-1:500	
	Rabbit	carbonic anhydrase VIII Calculated MW: 290 aa, 32 kDa Observed MW:		
	Isotype:			
	IgG			
	Immunogen Catalog Number:			
	AG3068	32 kDa		
Applications	Tested Applications:	Positive Controls:		
	WB, IP, IHC, ELISA	WB : HEI	۲-293 cells, mouse brain tissue, Jurkat cells, ۴	
	Cited Applications:	562 cells		
	WB, IHC, IF, IP	IP : mou	se brain tissue,	
	Species Specificity: human, mouse, rat	IHC : human gliomas tissue, mouse cerebellum tissue		
	Cited Species:			
	human, mouse, rat			
	Note-IHC: suggested antigen r TE buffer pH 9.0; (*) Alternativ retrieval may be performed w	vely, antigen		
	buffer pH 6.0			
Background Information	The CA8 (CARP) gene encodes carbor central carbonic anhydrase motif, but coordinating residues(PMID:2121526 abundantly. CA8 is co-localized with	it lacks carbonic anhydrase acti). CARP is a novel IP3R1-binding IP3R1 in Purkinje cells and it bir 1586). Defects in CA8 are the cau	protein, and is expressed in Purkinje cells ds to IP3R1, reducing the affinity of the	
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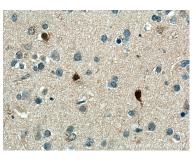
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.com

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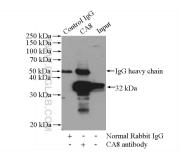
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12391-1-AP (CA8 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 12391-1-AP (CA8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-CA8 (IP:12391-1-AP, 4ug; Detection:12391-1-AP 1:1000) with mouse brain tissue lysate 4000ug.