

For Research Use Only

CA14 Polyclonal antibody

Catalog Number: 13736-1-AP



Basic Information

Catalog Number: 13736-1-AP	GenBank Accession Number: BC034412	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23632	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: carbonic anhydrase XIV	
Isotype: IgG	Calculated MW: 337 aa, 38 kDa	
Immunogen Catalog Number: AG4673	Observed MW: 45-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse eye tissue, mouse retina tissue
Species Specificity: human, mouse	

Background Information

Carbonic anhydrase XIV (CA XIV, Car14) is highly expressed in the hepatocyte with predominance in the canalicular membrane and its active site in the extracellular milieu. The CA XIV isoform may also be of importance for regulation of neuronal excitability and transport processes in brain.

Storage

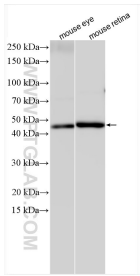
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

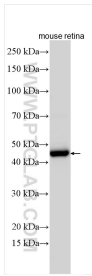
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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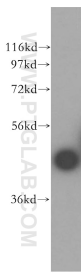
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13736-1-AP (CA14 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 13736-1-AP (CA14 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



mouse eye tissue were subjected to SDS PAGE followed by western blot with 13736-1-AP (CA14 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.