

For Research Use Only

CA14 Polyclonal antibody

Catalog Number: 13736-1-AP

1 Publications



Basic Information

Catalog Number:

13736-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4673

GenBank Accession Number:

BC034412

GeneID (NCBI):

23632

UNIPROT ID:

Q9ULX7

Full Name:

carbonic anhydrase XIV

Calculated MW:

337 aa, 38 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : mouse eye tissue, mouse retina tissue

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Sophie B Siems	39344832	Glia	WB

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

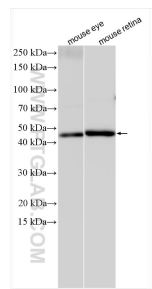
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

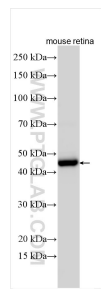
E: proteintech@ptglab.com
W: ptglab.com

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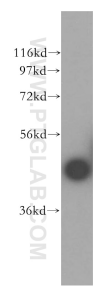
Selected Validation Data



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.