

Anti-Carbonic Anhydrase XIV antibody



Catalog Number: 102513

Product name

Anti-Carbonic Anhydrase XIV antibody

Immunogen

[Mouse Carbonic Anhydrase XIV \(His Tag\) recombinant protein](#)

Specificity

Mouse Car14 / Ca14

Antibody description

Rabbit polyclonal to Carbonic Anhydrase XIV

Preparation

Produced in rabbits immunized with purified, recombinant Mouse CA14 extracellular domain (rM Ca14; NP_035927.1; Met 1-Met 290). Ca14 specific IgG was purified by mouse Ca14 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of

properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB

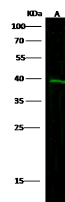
Dilutions

WB: 20-50 µg/mL

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Mouse CA14. The detection limit for Mouse CA14 is approximately 0.00245 ng/well.

Validations



Items	Lanes
Sample (Membrane Lysate)	A
Sample Volume (µg/lane)	293T
Gel	20
Recommended Concentration	1.3% SDS-PAGE reducing gel
Secondary Antibody	20-50 µg/ml
Explanation	Dylight 800 labeled Antibody to Rabbit IgG (H+L) at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size : 38 kDa Observed band size : 38 kDa

Carbonic Anhydrase XIV / Car14 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot