

Anti-Carbonic Anhydrase XIV antibody



Catalog Number: 102512

Product name

Anti-Carbonic Anhydrase XIV antibody

Immunogen

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

Specificity

Mouse CA14 protein

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). Total IgG was purified by Protein A 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

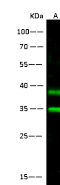
Dilutions

WB: 20-30 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 0.0195 ng/well.

Validations



Items	Lanes
Sample (Membrane lysate)	Jurkat
Sample Volume (µg/lane)	20
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	20-30µg/ml
Secondary Antibody	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 Additional bands at : 35 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).

Carbonic Anhydrase XIV / Car14 Antibody, Rabbit PAb, Western blot