

Anti-Carbonic Anhydrase XII antibody



Catalog Number: 102463

Product name

Anti-Carbonic Anhydrase XII antibody

Immunogen

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

Specificity

Mouse Ca12 / Car12

Antibody description

Rabbit polyclonal to Carbonic Anhydrase XII

Preparation

Produced in rabbits immunized with purified, recombinant Mouse Ca12 (rM Ca12; NP_848483.2; Met 1-Ser 301). Ca12 specific IgG was purified by mouse Ca12 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, IHC-P

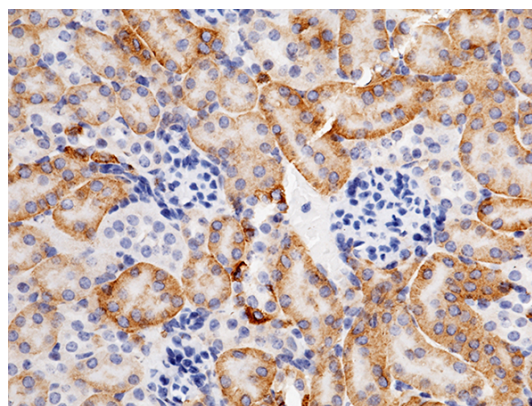
Dilutions

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 Ca12. The detection limit for Mouse Ca12 is 0.00245 ng/well.

IHC-P: 0.1-2 µg/mL

Validations



Carbonic Anhydrase XII / Car12 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Immunochemical staining of mouse CA12 in mouse kidney with rabbit polyclonal antibody (1 µg/mL, formalin-fixed paraffin embedded sections). Positive staining was localized to nephric tubule.