

Carbonic Anhydrase IV / Car4 Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: 50350-T44



Sino Biological
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GENERAL INFORMATION

Immunogen:	Recombinant Mouse Car4 Protein (Catalog#50350-M08H)
Preparation	Produced in rabbits immunized with purified, recombinant Mouse Car4 (rM Car4; Catalog#50350-M08H; NP_031633.1; Met1-Ser277). Car4 specific IgG was purified by Mouse Car4 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Mouse Car4
Formulation:	0.2 µm filtered solution in PBS
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. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB, IHC-P, IP
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RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:500-1:3000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-5µL/mg of lysate

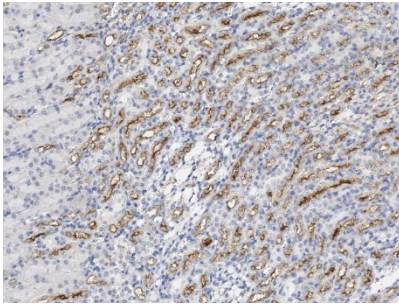
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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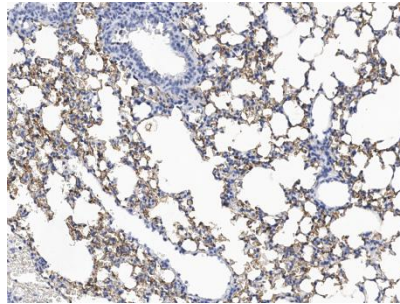
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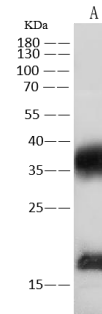
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Immunohistochemical staining of mouse Carbonic Anhydrase IV in mouse kidney with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemical staining of mouse Carbonic Anhydrase IV in mouse lung with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

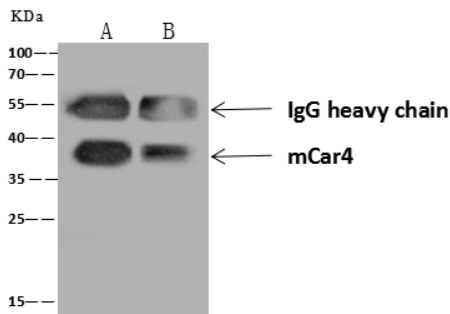


Anti-Carbonic Anhydrase IV rabbit polyclonal antibody at 1:500 dilution
Lane A: Mouse lung tissue lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 35 kDa
Observed band size: 37 kDa
(We are unsure as to the identity of these extra bands.)



mCar4 was immunoprecipitated using:
Lane A: 0.5 mg Mouse lung Whole Cell Lysate
Lane B: 0.5 mg A-431 Whole Cell Lysate

4 µL anti- mCar4 rabbit polyclonal antibody
and 60 µg of Immunomagnetic beads Protein
A/G.

Primary antibody:
Anti- mCar4 rabbit polyclonal antibody, at
1:100 dilution

Secondary antibody:
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000
dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 37 kDa
Observed band size :37 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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