

Carbonic Anhydrase III/CA3 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 107383-T36

GENERAL INFORMATION

Immunogen:	A synthetic peptide corresponding to the center region of the Mouse Carbonic Anhydrase III/CA3
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse Carbonic Anhydrase III/CA3, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Mouse Human, Rat, Bovine, Pig (Species predicted to react based on 100% sequence homology)
Formulation:	PBS, pH7.0 with 0.03% Proclin300
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. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB,IP
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RECOMMENDED CONCENTRATION

Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP:5-10 µL/mg of lysate

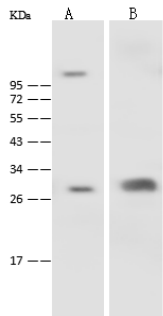
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-CA3 rabbit polyclonal antibody at 1:500 dilution

Lane A: Mouse spleen tissue lysate

Lane B: Mouse pancreas 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: 30 kDa

Observed band size: 30 kDa



CA3 was immunoprecipitated using:

Lane A: 0.5 mg Mouse pancreas tissue Lysate

4 µL anti-CA3 rabbit polyclonal antibody and
60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:

Anti-CA3 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: 30 kDa

Observed band size: 28 kDa