

Carbonic Anhydrase IX / CA9 Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: 70028-T52



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION	
Immunogen:	Recombinant Canine Carbonic Anhydrase IX / CA9 protein (Catalog#70028-D08H)
Preparation	Produced in rabbits immunized with purified, recombinant Canine Carbonic Anhydrase IX / CA9 (Catalog#70028-D08H; NP_001138646.1; Met1-Leu410). Carbonic Anhydrase IX / CA9 specific IgG was purified by Canine Carbonic Anhydrase IX / CA9 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Canine Carbonic Anhydrase IX / CA9
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. 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.
APPLICATIONS	
Applications:	WB,ELISA,IP
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:500-1:1000
Immunoprecipitation	IP: 1-2 µL/mg of lysate
ELISA	ELISA: 1:25000-1:50000 This antibody can be used at 1:25000-1:50000 with the appropriate secondary reagents to detect Canine Carbonic Anhydrase IX / CA9.

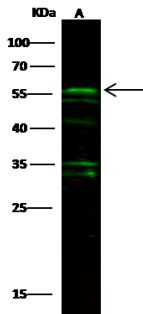
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-CA9 rabbit polyclonal antibody at 1:500 dilution

Lane A: HeLa Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary

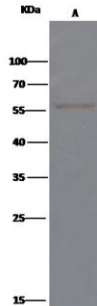
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 50 kDa

Observed band size: 56 kDa

(We are unsure as to the identity of these extra bands.)



canine CA9 was immunoprecipitated using:
Lane A: 0.5 mg HeLa Whole Cell Lysate

0.5 µL anti-canine CA9 rabbit polyclonal antibody and 15 µL of 50% Protein G agarose.

Primary antibody:

Anti-canine CA9 rabbit polyclonal antibody, at 1:500 dilution

Secondary antibody:

Clean-Blot[®] IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the DAB staining technique.
Performed under reducing conditions.

Predicted band size: 55 kDa

Observed band size: 55 kDa