

Anti-Carbonic Anhydrase IX/CA9 antibody



Catalog Number: 101650

Product name

Anti-Carbonic Anhydrase IX/CA9 antibody

Immunogen

[Canine Carbonic Anhydrase IX/CA9 \(His Tag\) recombinant protein](#)

Specificity

Canine Carbonic Anhydrase IX / CA9

Antibody description

Rabbit polyclonal to Carbonic Anhydrase IX/CA9

Preparation

Produced in rabbits immunized with purified, recombinant Canine Carbonic Anhydrase IX / CA9 (rh Carbonic Anhydrase IX / CA9; NP_001138646.1; Met1-Leu410). Carbonic Anhydrase IX / CA9 specific IgG was purified by Canine Carbonic Anhydrase IX / CA9 affinity chromatography.

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.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

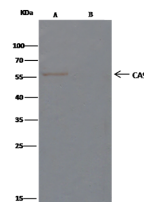
WB: 10-50 µg/mL

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Canine Carbonic Anhydrase IX / CA9. The detection limit for Canine Carbonic Anhydrase IX / CA9 is < 0.039 ng/well.

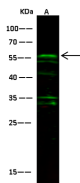
IP: 4-6 µg/mg of lysate

Validations



Items	Lanes	A	B
Sample (whole cell lysate)		Hela	
Sample quantity		0.5 mg	
IP antibody type		CANINECA9-HIS-RP02	Rabbit blank IgG
IP antibody quantity		2 µg	
Protein G agarose		15 µl of 50% Protein G Agarose	
Gel		13% SDS-PAGE reducing gel	
Primary antibody		canineCA9-His-RP02 antibody at 10 µg/ml	
Secondary antibody		Clean-Blot® IP Detection Reagent (HRP) at 1:1000 dilution	

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



Items	Lanes	A
Sample (whole cell lysate)		Hela
Sample Volume (µg/lane)		30
Gel		13% SDS-PAGE reducing gel
Recommended Concentration		10-50 µg/ml
Secondary Antibody		Dylight 800-labeled Antibody to Rabbit IgG (H+L) at 1:5000 dilution
Explanation		Developed using Odyssey imaging system. Predicted band size : 50 kDa Observed band size : 50 kDa Additional bands at : 35 kDa and 34 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).

Immunoprecipitation

Carbonic Anhydrase IX / CA9 Antibody, Rabbit

Anti-Carbonic Anhydrase IX/CA9 antibody



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PAb, Antigen Affinity Purified, Western blot