

# Anti-Carbonic Anhydrase VIII/CA8 antibody



Catalog Number: 101506

## Product name

Anti-Carbonic Anhydrase VIII/CA8 antibody

## Immunogen

[Mouse Carbonic Anhydrase VIII/CA8 \(His Tag\) recombinant protein](#)

## Specificity

Mouse Carbonic Anhydrase VIII / CA8

## Antibody description

Rabbit polyclonal to Carbonic Anhydrase VIII/CA8

## Preparation

Produced in rabbits immunized with purified, recombinant Mouse Carbonic Anhydrase VIII / CA8 (rh Carbonic Anhydrase VIII / CA8; P28651; Met1-Gln291). Carbonic Anhydrase VIII / CA8 specific IgG was purified by Mouse Carbonic Anhydrase VIII / CA8 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, IHC-P, IP

## Dilutions

WB: 10-20 µg/mL

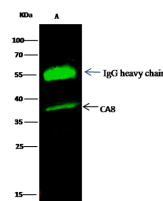
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Mouse Carbonic Anhydrase VIII / CA8. The detection limit for Mouse Carbonic Anhydrase VIII / CA8 is < 0.039 ng/well.

IHC-P: 0.1-1 µg/mL

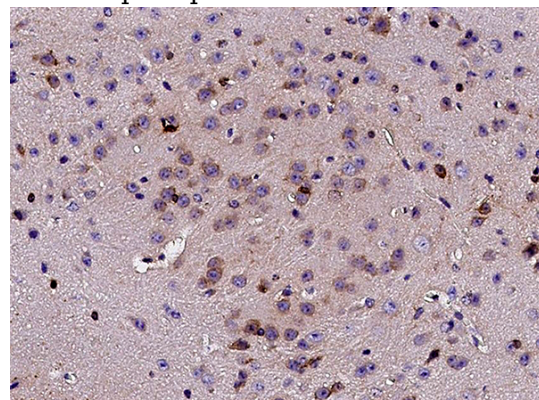
IP: 1-4 µg/mg of lysate

## Validations



Items	Lanes	A
Sample (whole cell lysate)		A549
Sample quantity		0.5 mg
IP antibody quantity		2 µg
Protein G agarose		1.5 µl of 50% Protein G Agarose
Dye		13% SDS-PAGE reducing gel
Primary antibody		mCA8-His antibody at 5 µg/ml
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (D111), at 1:5000 dilution

Carbonic Anhydrase VIII / CA8 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation



Carbonic Anhydrase VIII / CA8 Antibody, Rabbit

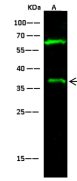
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PAb, Antigen Affinity Purified,  
Immunohistochemistry

Immunochemical staining of mouse CA8 in mouse brain with rabbit polyclonal antibody (0.2 µg/mL, formalin-fixed paraffin embedded sections).



Items	Lanes	A
Sample (whole cell lysate)		A549
Sample Volume (µg/lane)		30
Gel		13% SDS-PAGE reducing gel
Recommended Concentration		10-20 µg/ml
Secondary Antibody		Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.
Developed using Odyssey imaging system.		
Explanation		Predicted band size : 33 kDa Observed band size : 37 kDa Additional bands at : 63 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).

Carbonic Anhydrase VIII / CA8 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot