

Anti-Carbonic Anhydrase VIII/CA8 antibody



Catalog Number: 103672

Product name

Anti-Carbonic Anhydrase VIII/CA8 antibody

Immunogen

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

Specificity

Human Carbonic Anhydrase VIII / CA8

Antibody description

Rabbit polyclonal to Carbonic Anhydrase VIII/CA8

Preparation

Produced in rabbits immunized with purified, recombinant Human Carbonic Anhydrase VIII / CA8 (rh Carbonic Anhydrase VIII / CA8; NP_004047.3; Met 1-Gln 290). Carbonic Anhydrase VIII / CA8 specific IgG was purified by Human Carbonic Anhydrase VIII / CA8 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

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

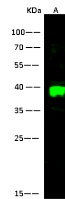
WB: 2-10 µg/mL

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 Human CA8. The detection limit for Human CA8 is approximately 0.00245 ng/well.

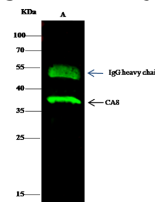
IP: 1-4 µg/mg of lysate

Validations



Items	Lanes
Sample (Membrane Lysate)	A 549
Sample Volume (µg/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	2-10 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: 38 kDa

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



Items	Lanes
Sample (whole cell lysate)	A 549
Sample quantity	0.5 mg
IP antibody quantity	2 µg
Protein G Agarose	1.5 µl of 50% Protein G Agarose
Gel	13% SDS-PAGE reducing gel
Primary antibody	CA8-His antibody at 5 µg/ml
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.

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