

Anti-Carbonic Anhydrase II antibody



Catalog Number: 100561

Product name

Anti-Carbonic Anhydrase II antibody

Immunogen

[Human Carbonic Anhydrase II \(His Tag\) recombinant protein](#)

Specificity

Human Carbonic Anhydrase II / CA2

Antibody description

Rabbit monoclonal to Carbonic Anhydrase II

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase II / CA2 (rh Carbonic Anhydrase II / CA2; NP_000058.1; Met1-Lys260).

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

Monoclonal

Ig Type

Rabbit IgG

Applications

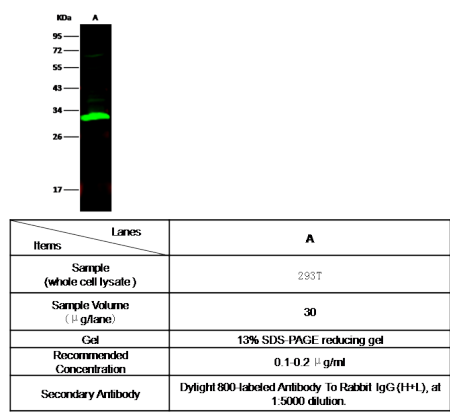
WB, IP

Dilutions

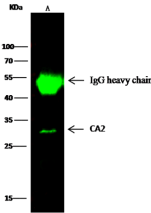
WB: 0.1-0.2 µg/mL

IP: 4-6 µg/mg of lysate

Validations



Carbonic Anhydrase II / CA2 Antibody, Rabbit



Items	Lanes
Sample (whole cell lysate)	293T
Sample quantity	0.5 mg
IP antibody quantity	2 µg
Protein G agarose	15 µl of 50% Protein G Agarose
Gel	13% SDS-PAGE reducing gel
Primary antibody	CA2 antibody at 0.5 µg/ml [Cat# 10478-R001]
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.

MAB, Western blot

Carbonic Anhydrase II / CA2 Antibody, Rabbit MAB, Immunoprecipitation