# **Anti-Carbonic Anhydrase II antibody**

Catalog Number: 100561



#### **Product name**

Anti-Carbonic Anhydrase II antibody

## Immunogen

<u>Human Carbonic Anhydrase II (His Tag)</u> <u>recombinant protein</u>

## **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**

 $0.2 \ \mu m$  filtered solution in PBS with 5% trehalose

## **Storage**

This antibody can be stored at  $2^{\circ}\text{C-8°C}$  for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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**

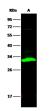
WB, IP

#### **Dilutions**

WB: 0.1-0.2 μg/mL

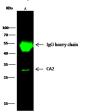
IP: 4-6 µg/mg of lysate

#### **Validations**



Lanes	A
Sample (whole cell lysate)	2937
Sample Volume ( µ g/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	0.1-0.2 ⊭g/ml
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.

Carbonic Anhydrase II / CA2 Antibody, Rabbit



Lanes Items	A
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

MAb, Western blot

Carbonic Anhydrase II / CA2 Antibody, Rabbit MAb, Immunoprecipitation