

Anti-Carbonic Anhydrase XIII/CA13 antibody



Catalog Number: 103582

Product name

Anti-Carbonic Anhydrase XIII/CA13 antibody

Immunogen

[Human Carbonic Anhydrase XIII/CA13 \(His Tag\) recombinant protein](#)

Specificity

Human Carbonic Anhydrase XIII / CA13

Antibody description

Rabbit polyclonal to Carbonic Anhydrase XIII/CA13

Preparation

Produced in rabbits immunized with purified, recombinant Human Carbonic Anhydrase XIII / CA13 (rh Carbonic Anhydrase XIII / CA13; NP_940986.1; Met 1-His 262). Carbonic Anhydrase XIII / CA13 specific IgG was purified by Human Carbonic Anhydrase XIII / CA13 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

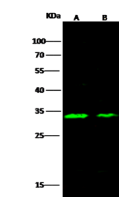
WB: 1-2 µg/mL

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 CA13. The detection limit for Human CA13 is approximately 0.00975 ng/well.

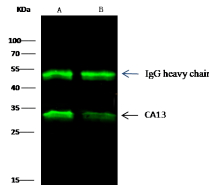
IP: 4-6 µg/mg of lysate

Validations



Lanes	A	B
Items		
Sample (whole cell lysate)	HepG2	K562
Sample Volume (µg/lane)	30	30
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	1-2 µg/ml	
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.	

Carbonic Anhydrase XIII / CA13 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Lanes	A	B
Items		
Sample (whole cell lysate)	HepG2	K562
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	CA13 antibody at 2 µg/ml [Cat# 10461-RP02]	
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	

Carbonic Anhydrase XIII / CA13 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation