

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

Catalog Number: 10461-RP02



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION

Immunogen:	Recombinant Human Carbonic Anhydrase XIII / CA13 protein (Catalog#10461-H08E)
Preparation	Produced in rabbits immunized with purified, recombinant Human Carbonic Anhydrase XIII / CA13 (rh Carbonic Anhydrase XIII / CA13; Catalog#10461-H08E; NP_940986.1; Met 1-His 262). Carbonic Anhydrase XIII / CA13 specific IgG was purified by Human Carbonic Anhydrase XIII / CA13 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Carbonic Anhydrase XIII / CA13
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. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB,ELISA,IP
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RECOMMENDED CONCENTRATION

Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 4-6 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human CA13.

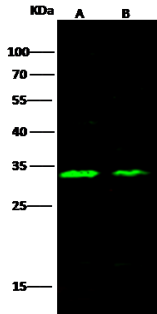
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-CA13 rabbit polyclonal antibody at 1:500 dilution

Lane A: HepG2 Whole Cell Lysate
Lane B: K562 Whole Cell Lysate

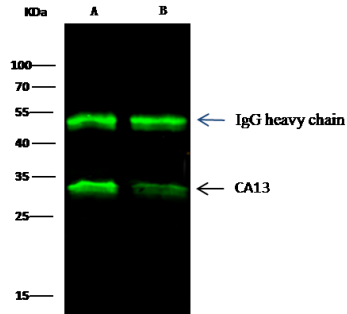
Lysates/proteins at 30 µg per lane.

Secondary

Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 29 kDa
Observed band size: 33 kDa



CA13 was immunoprecipitated using:

Lane A: 0.5 mg HepG2 Whole Cell Lysate
Lane B: 0.5 mg K562 Whole Cell Lysate

2 µL anti-CA13 rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:

Anti-CA13 rabbit polyclonal antibody, at 1:500 dilution

Secondary antibody:

Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 29 kDa
Observed band size: 29 kDa