

**Carbonic Anhydrase VB / CA5B
Antibody, Rabbit PAb, Antigen
Affinity Purified**

Catalog Number: 12285-T52



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION

Immunogen:	Recombinant Human Carbonic Anhydrase VB / CA5B Protein (Catalog#12285-H08E)
Preparation	Produced in rabbits immunized with purified, recombinant Human Carbonic Anhydrase VB / CA5B (rh Carbonic Anhydrase VB / CA5B; Catalog#12285-H08E; Q9Y2D0; Cys34-Pro317). Carbonic Anhydrase VB / CA5B specific IgG was purified by Human Carbonic Anhydrase VB / CA5B affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Carbonic Anhydrase VB / CA5B
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. 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.

APPLICATIONS

Applications:	WB,ELISA,IP
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RECOMMENDED CONCENTRATION

Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 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 Carbonic Anhydrase VB / CA5B.

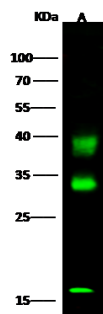
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-CA5B rabbit polyclonal antibody at 1:500 dilution.

Lane A: Mouse liver tissue lysate

Lysates/proteins at 30 ug per lane.

Secondary

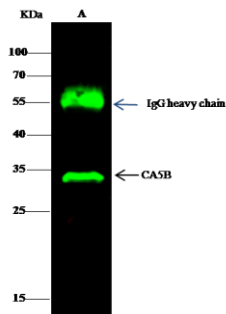
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 36 kDa

Observed band size: 38 kDa

(We are unsure as to the identity of these extra bands.)



CA5B was immunoprecipitated using:

Lane A: 0.5 mg MCF-7 Whole Cell Lysate

2 µL anti-CA5B rabbit polyclonal antibody and
15 µl of 50 % Protein G agarose.

Primary antibody:

Anti-CA5B rabbit polyclonal antibody, at 1:200 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: 35 kDa

Observed band size: 35 kDa