

SOD1 / Superoxide Dismutase Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: 11727-RP02



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION

Immunogen:	Recombinant Human SOD1 protein (Catalog#11727-H07E)
Preparation	Produced in rabbits immunized with purified, recombinant Human SOD1 (rh SOD1; Catalog#11727-H07E; NP_000445.1; Ala 2-Gln 154). SOD1 specific IgG was purified by human SOD1 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human SOD1 / Superoxide Dismutase
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: 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 SOD1.

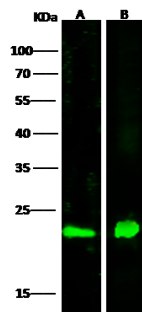
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-SOD1 rabbit polyclonal antibody at 1:500 dilution

Lane A: A431 Whole Cell Lysate
Lane B: HepG2 Whole Cell Lysate

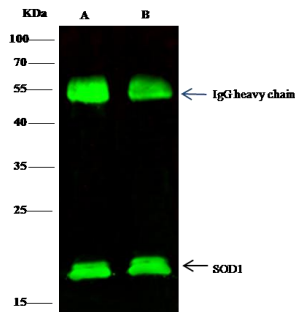
Lysates/proteins at 30 µg per lane.

Secondary

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

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 16 kDa
Observed band size: 22 kDa



SOD1 was immunoprecipitated using:

Lane A: 0.5 mg Hela Whole Cell Lysate

Lane B: 0.5 mg HepG2 Whole Cell Lysate

2 µL anti-SOD1 rabbit polyclonal antibody and
15 µl of 50 % Protein G agarose.

Primary antibody:

Anti-SOD1 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: 16 kDa
Observed band size: 16 kDa