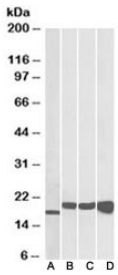
# SOD Antibody (R36046)

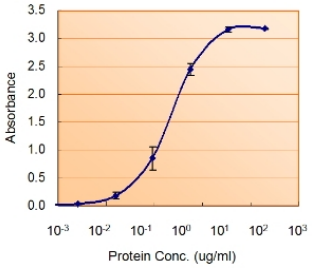
| Catalog No. | Formulation | Size |
|---|---|---|
| R36046-100UG | 0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Predicted Reactivity** | Dog |
| **Format** | Antigen affinity purified |
| **Host** | Goat |
| **Clonality** | Polyclonal (goat origin) |
| **Isotype** | Goat Ig |
| **Purity** | Antigen affinity |
| **Gene ID** | 6647 |
| **Applications** | Western blot: 0.02-0.1ug/ml<br>Enzyme ImmunoAssay: binds recombinant protein (use at 1-2ug/ml)<br>ELISA (peptide) LOD: 1:8000 |
| **Limitations** | This SOD antibody is available for research use only. |




Western blot of mouse NIH3T3 (A), and human HEK293 (B), HepG2 (C) and MCF7 (D) lysates with SOD antibody at 0.01ug/ml. Predicted molecular weight: ~16kDa.




Sandwich ELISA of SOD antibody used as detect at 1.5ug/ml.




Western blot testing of mouse brain lysate with SOD antibody at 0.02ug/ml. Predicted molecular weight: ~16kDa.

## Description

Additional name(s) for this target protein: Superoxide dismutase 1, SOD1

## Application Notes

Optimal dilution of the SOD antibody should be determined by the researcher.

## Immunogen

Amino acids SRKHGGPKDEERH were used as the immunogen for this SOD antibody.

## Storage

Aliquot and store the SOD antibody at -20oC.


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