

## Rabbit antibody to human superoxide dismutase (SOD1; 24-36): whole serum

**Catalogue No.:** R-125-100

**Batch No.:** See product label

**Unit size:** 100 µl

**Antigen:** A synthetic peptide (ESNGPVK VWGSIK) as part of human superoxide dismutase (SOD1) protein (aa: 24-36) conjugated to diphtheria toxoid

**Other Names:** Superoxide dismutase [Cu-Zn]. GENE NAME: SOD1

**Produced in:** NZ white rabbit

**Purity:** Whole serum

**Applications:** WB. A dilution of 1:500 to 1:1000 is recommended for this application. The optimal dilution should be determined by the end user.

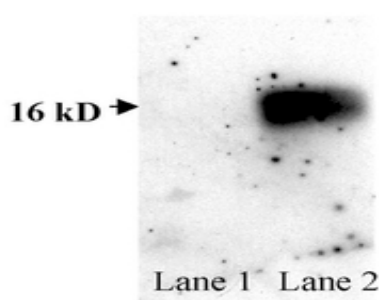
**Specificity:** Specificity was confirmed by western blot detecting human superoxide dismutase (SOD1).

**Cross-reactivity:** This antiserum is known to react with human superoxide dismutase (SOD1).

**Form:** Lyophilised

**Reconstitution:** Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.

**Storage:** After reconstitution keep aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.



Western blot detection of human SOD1 using Rabbit antibody to human superoxide dismutase (SOD1; 24-36): whole serum (R-125-100) at a dilution of 1 in 500. This antibody detects a band of 16KDa in human Jurkat T cell extracts (lane 2). Its specificity for human SOD1 is shown by the lack of reactivity with mouse brain tissue extract (lane 1).

FOR RESEARCH USE ONLY