

**RABBIT ANTI-SUPEROXIDE DISMUTASE
POLYCLONAL ANTIBODY**

CATALOG NUMBER: AB1237

LOT NUMBER:

QUANTITY: 25 mg

CONCENTRATION: 10 mg/mL

SPECIFICITY: Superoxide Dismutase (Bovine Erythrocytes). Monospecific by IEP. Some cross reaction may occur with Superoxide Dismutase from other tissues and species. This is the copper-zinc class of SOD. The size of SOD is about 31,200 MW and is made up of two identical subunits of 15,600 MW.

IMMUNOGEN: Superoxide Dismutase (Bovine Erythrocytes)

APPLICATIONS: Immunoblotting (Western or dot blot)
ELISA: 1:10,000-1:50,000 against 1 µg of SOD in a standard sandwich assay.
Optimal working dilutions must be determined by the end user.

FORMAT: Immunoglobulin purified by delipidation, salt fractionation and ion-exchange chromatography.

PRESENTATION: Liquid in 0.02 M Potassium Phosphate buffer, 0.15 M Sodium Chloride, pH 7.2, with 0.01% sodium azide.

STORAGE/HANDLING: Maintain frozen at -20°C in undiluted aliquots for up to six months after date of receipt. Avoid repeated freeze/thaw cycles.

REFERENCE: Prohaska, J.R. and Brokate, B., *Archives of Biochemistry and Biophysics* (2001) **393**:170-176.
Puttaparthi, K., *J. Neuroscience* (2002) **22**:8790-8796.

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