

## Product datasheet for R1111A

### SOD1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, R, WB
Recommended Dilution:	This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of choice. <i>Working Dilutions in non-precipitating antibody-binding techniques: 1/100-1/2,000.</i>
Reactivity:	Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Superoxide Dismutase isolated and purified from Bovine Erythrocytes. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Superoxide Dismutase from Bovine Erythrocytes. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition. Cross reactivity against Superoxide Dismutase from other tissues and species may occur but have not been specifically determined.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins State: Azide Free State: Lyophilized purified Hyperimmune IgG fraction
Reconstitution Method:	Restore with 1 ml of sterile distilled water
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Unconjugated



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**Storage:** Store lyophilized at 2-8°C for 6 months or at -20°C long term.  
After reconstitution store the antibody undiluted at 2-8°C for one month  
or (in aliquots) at -20°C long term.  
Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**Database Link:** [Entrez Gene 281495 Bovine  
P00442](#)

**Synonyms:** SOD-1, CuZn-SOD, CuZnSOD, IPOA, ALS1