

Product datasheet for R1111

SOD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation and most Immunological methods requiring high titer and specificity. <i>Recommended Dilutions:</i> ELISA: 1/6,000-1/30,000. Western Blot: 1/600-1/3,000. QC: This product has been assayed against 1.0 ug of Superoxide Dismutase [Bovine erythrocytes] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:300 to 1:1500 of the reconstitution concentration is suggested for this product.
Reactivity:	Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Superoxide Dismutase from Bovine erythrocytes.
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Superoxide Dismutase [Bovine Erythrocytes]. Cross reactivity against Superoxide Dismutase from other tissues and species may occur but have not been specifically determined.
Formulation:	0.01M Sodium Phosphate, 0.14M Sodium Chloride, pH 7.4 State: Serum State: Lyophilized purified Ig fraction Stabilizer: None Preservative: 0.01% Sodium Azide
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by a delipidation and defibrination.



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Conjugation:	Unconjugated
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