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Product datasheet for R1110PS

Sarcosine oxidase Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	**Western blot**: 1/500-1/5,000. **Immunoprecipitation**: 1/100. **ELISA**: 1/5,000-1/20,000. This product has been assayed against 1.0 µg of microbial Sarcosine oxidase in a standard ELISA using peroxidase conjugated affinity purified anti-goat IgG and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/3,000 to 1/12,000 of the reconstitution concentration is suggested.
Reactivity:	Bacteria
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Sarcosine oxidase [Microbial]
Specificity:	This antibody detects microbial Sarcosine oxidase. Cross reactivity against Sarcosine oxidase from other sources is unknown. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum as well as purified and partially purified microbial Sarcosine oxidase.
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 State: Purified State: Lyophilized purified Ig fraction Preservative: 0.01% Sodium azide
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Unconjugated

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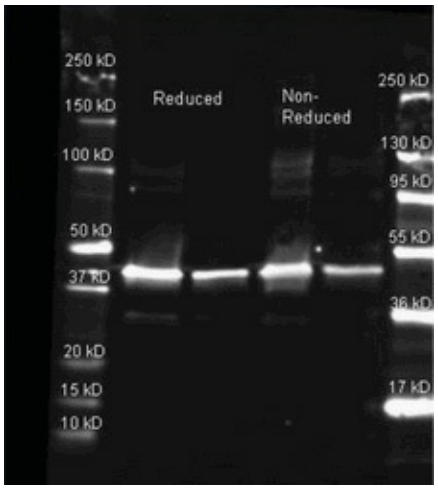
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Q46337
Synonyms:	Peroxisomal sarcosine oxidase, PIPOX, LPIPOX, PSO, L-pipecolate oxidase, L-pipecolic acid oxidase

Product images:



Goat anti Sarcosine oxidase antibody Cat.-No. [R1110P] was used to detect Sarcosine oxidase. Samples of ~1 and 0.25 g of purified Sarcosine oxidase per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples contained 4% BME