



Anti-Sarcosine Oxidase (native) polyclonal antibody (DPAB-DC4719)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Native purified Microbial Sarcosine Oxidase.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Bacteria
Conjugate	Unconjugated
Applications	WB (Recombinant protein), IP, ELISA,
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Preservative	0.01% Sodium Azide
Storage	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Sarcosine oxidase is an enzyme (EC 1.5.3.1) that catalyzes the oxidative demethylation of sarcosine to yield glycine, H ₂ O ₂ , 5,10-CH ₂ -tetrahydrofolate in a reaction requiring H ₄ -tetrahydrofolate and oxygen. Corynebacterial sarcosine oxidase is a heterotetramer.
---------------------	--

KeywordsSarcosine Oxidase
