



Anti-SARS-CoV Envelope Antigen Polyclonal antibody (DPAB0264)

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

PRODUCT INFORMATION

Specificity	Reacts with the N-terminal of the E protein of SARS-associated coronavirus.
Target	SARS-CoV Envelope Antigen
Immunogen	Synthetic peptide corresponding to amino acids at the N-terminus of the SARS E protein (Genbank accession no. P59637).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV
Purification	Immunoaffinity chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. It will detect 10ng of free peptide at 1ug/ml. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Affinity Purified, Liquid
Concentration	1mg/ml
Size	100 µg
Buffer	PBS
Preservative	0.02% Sodium Azide

Storage

Store (up to one year) at 2–8°C.

BACKGROUND

Introduction

[The SARS coronavirus, sometimes shortened to SARS-CoV, is the virus that causes severe acute respiratory syndrome \(SARS\). On April 16, 2003, following the outbreak of SARS in Asia and secondary cases elsewhere in the world, the World Health Organization \(WHO\) issued a press release stating that the coronavirus identified by a number of laboratories was the official cause of SARS. Samples of the virus are being held in laboratories in New York, San Francisco, Manila, Hong Kong, and Toronto. \[](#)

Keywords

SARS-CoV; Protein E; N antibody; N structural protein antibody; NC antibody; Nucleocapsid protein; Nucleoprotein; SARS coronavirus N protein; SARS CoV; SARSCoV; Severe acute respiratory syndrome; Nidovirales; Coronaviridae; Coronavirus; SARS coronavirus; E Protein
