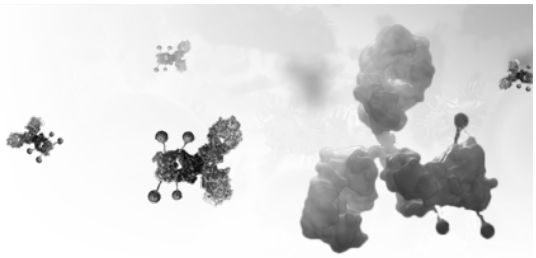

Anti-SARS-CoV Spike Antigen Polyclonal antibody (DPAB3604)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to SARS Spike, which was raised against a synthetic peptide corresponding to amino acids at the carboxy-terminus of the SARS Spike glycoprotein.
Target	SARS-CoV Spike Antigen
Immunogen	Human SARS Spike (C-Terminus) Peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV
Purification	Affinity chromatography purified via peptide column
Conjugate	Unconjugated
Applications	ELISA
Size	100 µg
Buffer	Antibody is supplied in PBS containing 0.02% sodium azide.
Preservative	0.02% Sodium Azide
Storage	Stored at 4ºC, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

BACKGROUND

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Introduction	A novel coronavirus has recently been identified as the causative agent of SARS (Severe Acute Respiratory Syndrome). Coronaviruses are a major cause of upper respiratory diseases in humans. The genomes of these viruses are positive-stranded RNA approximately 27-31kb in length. SARS infection can be mediated by the binding of the viral spike protein, a glycosylated 139 kDa protein and the major surface antigen of the virus, to the angiotensin-converting enzyme 2 (ACE2) on target cells. This binding can be blocked by a soluble form of ACE2.
Keywords	SARS Spike (CT); SARS; E2; E2 glycoprotein; Human coronavirus spike glycoprotein; Peplomer protein; S; S glycoprotein; Severe acute respiratory syndrome spike glycoprotein; Severe acute respiratory syndrome virus spike glycoprotein; Spike glycoprotein; VG

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