



Rabbit Anti-HCoV OC43 Spike Polyclonal antibody (CABT-CS063)

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

PRODUCT INFORMATION

Specificity	HCoV OC43 Spike glycoprotein
Target	coronavirus OC43 Spike glycoprotein
Immunogen	Recombinant Human coronavirus OC43 Spike glycoprotein protein(15-344aa)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	HCoV OC43
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	100 µg
Buffer	50% Glycerol, 0.01M PBS, PH 7.4
Preservative	None
Storage	Upon delivery aliquot and store at -20°C or -80°C Avoid repeated freeze.

BACKGROUND

Introduction	The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors bind S1 are ACE2, angiotensin-converting enzyme
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2; DPP4, dipeptidyl peptidase-4; APN, aminopeptidase N; CEACAM, carcinoembryonic antigen-related cell adhesion molecule 1; Sia, sialic acid; O-ac Sia, O-acetylated sialic acid. The spike is essential for both host specificity and viral infectivity. The term 'peplomer' is typically used to refer to a grouping of heterologous proteins on the virus surface that function together. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process.

Keywords

Human coronavirus; coronavirus; HCoV; coronavirus OC43; HCoV OC43; HCoV-OC43
