



Rabbit Anti-SARS-CoV-2 (COVID-19) NSP6 protein Polyclonal Antibody (CABT-CS173)

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

PRODUCT INFORMATION

Immunogen	A peptide corresponding to 18 amino acids in the center of SARS-CoV-2 (COVID-19) NSP6 protein. The immunogen is located in between 230-280 amino acids of the SARS-CoV-2 (COVID-19) NSP6 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV-2
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS containing 0.02% sodium azide.
Preservative	0.02% Sodium Azide
Storage	Store at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

Coronavirus disease 2019 (COVID-19), formerly known as 2019-nCoV acute respiratory disease, is an infectious disease caused by SARS-CoV-2, a virus closely related to the SARS virus. The disease is the cause of the 2019–20 coronavirus outbreak. The structure of 2019-nCoV consists of the following: a spike protein (S), hemagglutinin-esterase dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleocapsid protein (N) and RNA. NSP6 plays a role in the initial induction of autophagosomes from host reticulum endoplasmic. Later, it limits the expansion of these phagosomes that are no longer able to deliver viral components to lysosomes.

Keywords

SARS-CoV-2;coronavirus;SARS-CoV-2 NSP6;NSP6;Non-structural protein 6