



Rabbit Anti-SARS-CoV-2 NSP12 Polyclonal antibody (CABT-CS296)

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

PRODUCT INFORMATION

Specificity	SARS-CoV-2 NSP12
Target	SARS-CoV-2 NSP12
Immunogen	Recombinant SARS-CoV-2 NSP12
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV-2
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	PBS, pH7.4, containing 50% glycerol.
Preservative	0.05% proclin300
Storage	Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

BACKGROUND

Introduction

Non-structural protein 1 (NSP12) is a membrane-associated protein found in coronavirus. It is responsible for anchoring the viral replication complex to target cell membrane. Once the cell is infected, NSP12 protein interacts with 40S ribosomal subunit of the host which suppresses host gene expression. As a result, the viral particle is able to avoid host immune response which facilitates viral gene expression.

Keywords

SARS-CoV-2 NSP12; SARS-CoV-2