

Product Details

Summary

Product name	Anti 2019-nCoV NSP10 polyclonal antibody
Catalog#	ATP252
description	Produced in rabbits immunized with purified, Recombinant SARS-CoV-2 NSP10 protein
Accession #	P0DTC1
Alternative names	Non-structural protein 10, Replicase polyprotein 1a
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -97 °C for twelve months from the date of receipt.
Specificity	Recognizes SARS-CoV-2 NSP10 protein
Isotype	IgG
Host	Rabbit
Clonality	Polyclonal
Conjugation	Unconjugate
Species reactivity	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
Tested applications	Elisa
Immunogen	Recombinant SARS-CoV-2 NSP10(4254A-S4393)

Background

Nsp10 have shown that it is a 15-kDa protein of unknown function that has been shown to interact with itself, nsp1, and nsp7. It colocalizes with N to sites of viral replication and is essential for replication. It plays a pivotal role in viral transcription by stimulating both nsp14 3'-5' exoribonuclease and nsp16 2'-O-methyltransferase activities. Therefore plays an essential role in viral mRNAs cap methylation. Nsp10 is a critical regulator of coronavirus RNA synthesis and may play an important role in polyprotein processing.

Product performance

Form	Liquid
Buffer	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
Concentration	0.38mg/ml



MW

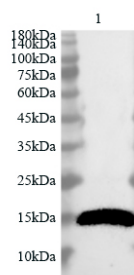
16kDa

Application

Dilution Range

Elisa: 1:4000~1:8000

Tested Picture



Lysate: 0.5μg/lane
Lane 1: Recombinant SARS-CoV-2
NSP10 Protein

Predicted band size: 17kDa
Observed band size: 17kDa

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with rabbit anti SARS-CoV-2 (2019-nCoV) NSP10 Protein antibody at dilution of 1:16000.

Note

For research use only.