

## Product Details

### Summary

<b>Product name</b>	Anti 2019-nCoV NSP10 polyclonal antibody
<b>Catalog#</b>	ATP252
<b>description</b>	Produced in rabbits immunized with purified, Recombinant SARS-CoV-2 NSP10 protein
<b>Accession #</b>	P0DTC1
<b>Alternative names</b>	Non-structural protein 10, Replicase polyprotein 1a
<b>Stability &amp; Storage</b>	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.
<b>Specificity</b>	Recognizes SARS-CoV-2 NSP10 protein
<b>Isotype</b>	IgG
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugate
<b>Species reactivity</b>	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
<b>Tested applications</b>	Elisa
<b>Immunogen</b>	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

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



MW

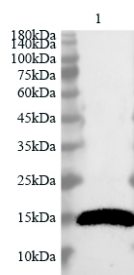
16kDa

## 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.