

Product Details

Summary

Product name	Anti 2019-nCoV NSP16 polyclonal antibody
Catalog#	ATP251
description	Produced in rabbits immunized with purified, Recombinant SARS-CoV-2 NSP16 protein
Accession #	P0DTD1
Alternative names	Non-structural protein 16, Replicase polyprotein 1ab, 2'-O-methyltransferase
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 -96 °C for twelve months from the date of receipt.
Spcificity	Recognizes SARS-CoV-2 NSP16 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 NSP16(Ser6799-Asn7096)

Background

Nsp14 and nsp16, are involved in viral mRNA cap formation. The crystal structure of nsp16 is unknown. Nsp16 is an RNA-cap Adomet-dependent(nucleoside-2 -o-)methyltransferase that is only active in the presence of nsp10.

Product performance

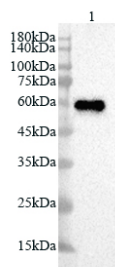
Form	Liquid
Buffer	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
Concentration	0.65mg/ml
MW	34kDa

Application

Dilution Range	Elisa: 1:4000~1:8000
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Tested Picture



Lysate: 0.1 µg/lane

Lane 1: Recombinant SARS-CoV-2

nsp16 protein

Predicted band size: 58kDa

Observed band size: 58kDa

Recombinant protein lysate were subjected to SDS PAGE followed by western blot with rabbit anti SARS-CoV-2 NSP16 antibody at dilution of 1:8000.

Note

For research use only.