

Product Details

Summary

Product name	Anti 2019-nCoV NSP3 polyclonal antibody
Catalog#	ATP235
description	Produced in rabbits immunized with purified, Recombinant SARS-CoV-2 NSP3 protein
Accession #	P0DTC1
Alternative names	Non-structural protein 3, PL2-PRO, Papain-like proteinase, PL-PRO, 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 -80 °C for twelve months from the date of receipt.
Specificity	Recognizes SARS-CoV-2 NSP3 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 NSP3(Glu1024-Gln1198)

Background

Responsible for the cleavages located at the N-terminus of the replicase polyprotein. In addition, PL-PRO possesses a deubiquitinating/deISGylating activity and processes both 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains from cellular substrates. Participates together with nsp4 in the assembly of virally-induced cytoplasmic double-membrane vesicles necessary for viral replication. Antagonizes innate immune induction of type I interferon by blocking the phosphorylation, dimerization and subsequent nuclear translocation of host IRF3. Prevents also host NF-kappa-B signaling.

Product performance

Form	Liquid
Buffer	Liquid. Supplied as solution form in PBS, pH7.4, containing 0.05% proclin300,



50% glycerol.

Concentration

0.5 mg/ml

MW

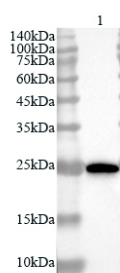
200kDa

Application

Dilution Range

Elisa: 1:4000~1:8000

Tested Picture



Lysate: 0.1 μ g/lane
Lane 1: Recombinant SARS-CoV-2
NSP3 Protein

Predicted band size: 22kDa
Observed band size: 22kDa

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with rabbit anti SARS-CoV-2 (2019-nCoV) NSP3 Protein antibody at dilution of 1:1000.

Note

For research use only.