ATAGENIX LABORATORIES

Catalog Number:ATP237

Anti 2019-nCoV Nucleocapsid protein polyclonal antibody

Product Details

Summary

Product name	Anti 2019-nCoV Nucleocapsid protein polyclonal antibody
Catalog#	ATP237
description	Produced in rabbits immunized with purified,Recombinant SARS-CoV-2 Nucleocapsid protein
Accession #	P0DTC9
Alternative names	Nucleoprotein,N,NC,Protein N
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 -82 °C for twelve months from the date of receipt.
Spcificity	Recognizes SARS-CoV-2 Nucleocapsid 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 Nucleocapsid protein(Met1-Ala419)

Background

Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

Product performance

Form	Liquid
Buffer	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.

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Concentration	0.82mg/ml
MW	45kDa

Application

Dilution Range	Elisa:1:4000~1:8000

Note

For research use only.