

SARS-CoV-2 N Protein Rabbit mAb, BSA and glycerol free

Catalog No.: A20021 **Recombinant** **12 Publications**

Basic Information

Observed MW

Calculated MW

46kDa

Category

Primary antibody

Applications

WB, DB, IF/ICC, ELISA

Cross-Reactivity

SARS-CoV-2

CloneNo number

ARC5077-02

Background

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. May modulate transforming growth factor-beta signaling by binding host SMAD3.

Recommended Dilutions

WB 1:1000 - 1:6000

DB 1:500 - 1:2000

IF/ICC 1:200 - 1:800

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Immunogen Information

Gene ID

43740575

Swiss Prot

P59595

Immunogen

Recombinant fusion protein of SARS-CoV-2 Nucleoprotein Full length [P59595].

Synonyms

Nucleoprotein; NP; SARS-CoV-2 N Protein

Product Information

Source

Rabbit

Isotype

IgG

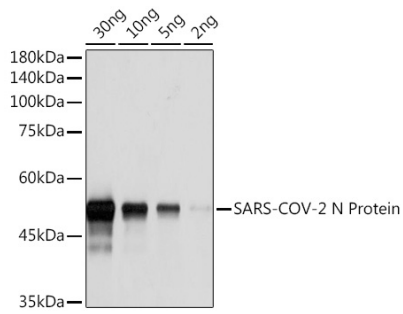
Purification

Affinity purification

Storage

Store at -20°C Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300, pH7.3.

Validation Data



Western blot analysis of Recombinant SARS-CoV-2 Nucleocapsid Protein (RP01264LQ), using SARS-CoV-2 N Protein Rabbit mAb, BSA and glycerol free (A20021) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 ng/10 ng/5 ng/2 ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.