

SARS-CoV-2 N Protein Rabbit pAb

Catalog No.: A20607

Basic Information

Observed MW

55kDa

Calculated MW

46kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

SARS-CoV-2

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 1:500 - 1:1000

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

Immunogen Information

Gene ID

1489678

Swiss Prot

P59595

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of coronavirus N Protein (NP_828858.1).

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

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Product Information

Source

Rabbit

Isotype

IgG

Purification

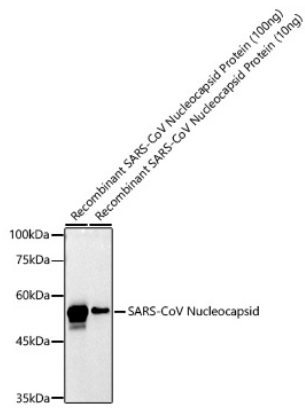
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Recombinant SARS-CoV Nucleocapsid Protein (RP01296LQ), using SARS-CoV-2 N Protein Rabbit pAb (A20607) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 100ng/10ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.