MERS-CoV Nucleoprotein Rabbit pAb

ABclonal Technology®
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Catalog No.: A20594

Basic Information

Observed MW
47kDa

Calculated MW
45kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
MERS-CoV

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.

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
14254601

Swiss Prot
K9N4V7

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-413 of coronavirus Nucleoprotein (YP_009047211.1).

Synonyms

Contact

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Product Information

Source
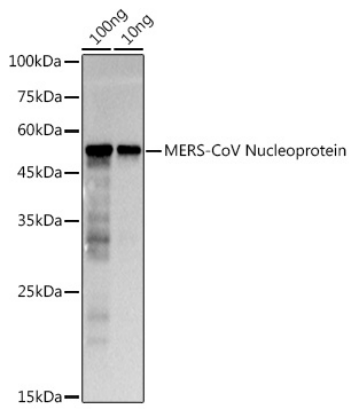Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data

Western blot analysis of lysates from MERS-CoV Nucleoprotein, using MERS-CoV Nucleoprotein Rabbit pAb (A20594) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 0.5s.