

# HCoV-HKU1 Nucleoprotein Rabbit pAb

Catalog No.: A20612

## Basic Information

### Observed MW

50-60kDa

### Calculated MW

49kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

HCoV-HKU1

## 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

3200423

### Swiss Prot

Q5MQC6

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of coronavirus Nucleoprotein (YP\_173242.1).

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

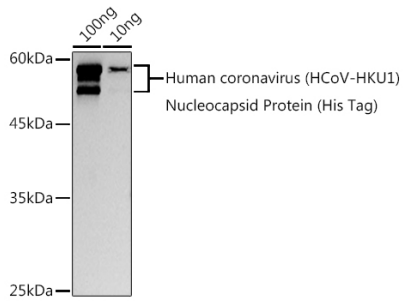
### Storage

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

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

## Validation Data

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Western blot analysis of lysates from Human coronavirus (HCoV-HKU1) Nucleocapsid Protein (His Tag), using HCoV-HKU1 Nucleoprotein Rabbit pAb (A20612) 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: 3s.