

# HCoV-OC43 Nucleoprotein Rabbit pAb

Catalog No.: A20610 **2 Publications**

## Basic Information

### Observed MW

50kDa

### Calculated MW

49kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

HCoV-OC43

## 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

39105221

### Swiss Prot

P33469

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

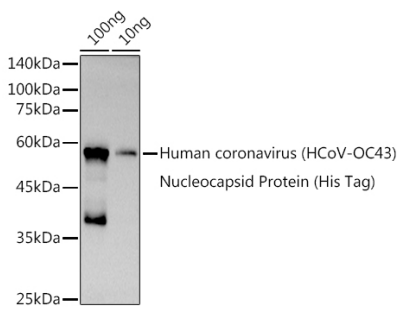
### Purification

Affinity purification

### Storage

Store at -20°C

# Validation Data



Western blot analysis of lysates from Human coronavirus (HCoV-OC43) Nucleocapsid Protein (His Tag), using HCoV-OC43 Nucleoprotein Rabbit pAb (A20610) 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: 10s.