

## SARS-COV-2 NP Polyclonal Antibody

<b>Catalog No.:</b>	E-AB-V1016	<b>Applications:</b>	ELISA
<b>Storage:</b>	Store at -20 °C, Avoid freeze / thaw cycles	<b>Host</b>	Rabbit

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Antigen Information

**Alternate Names** coronavirus NP,coronavirus Nucleocapsid,coronavirus Nucleoprotein,cov np,ncov NP,novel coronavirus NP,novel coronavirus Nucleocapsid,novel coronavirus Nucleoprotein, NP, Nucleocapsid, Nucleoprotein Antibody

**Background** Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein 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. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

### Product Details

<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Immunogen</b>	Recombinant 2019-nCoV Nucleocapsid Protein (His Tag)[PKSR030497]
<b>Application</b>	ELISA
<b>Reactivity</b>	SARS-COV2
<b>Dilution</b>	ELISA 1:5,000-10,000
<b>Storage Buffer</b>	0.2 µm filtered solution in PBS
<b>Stability &amp; Storage</b>	Ships on ice packs. Store at -20°C
<b>Descripton</b>	Produced in rabbits immunized with purified, Recombinant 2019-nCoV Nucleocapsid Protein (His Tag). The specific IgG was purified by Recombinant 2019-nCoV Nucleocapsid Protein affinity purification.

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