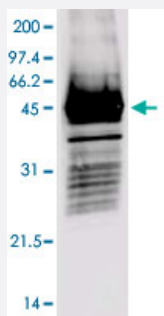


# SARS-CoV N polyclonal antibody

Catalog # PAB11373

Size 500 ug

## Applications



### Western Blot (Recombinant protein)

Western blot using SARS-CoV N polyclonal antibody (Cat # PAB11373) shows detection of a 46- KDa band corresponding to the protein.

Approx. 100 ng of protein was loaded for SDS-PAGE and transferred onto nitrocellulose.

The blot was incubated with a 1:5,000 dilution of the antibody at room temperature for 1 h.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against full length recombinant SARS N.
<b>Immunogen</b>	Recombinant protein corresponding to full length SARS N (Nucleocapsid protein).
<b>Host</b>	Rabbit
<b>Reactivity</b>	SARS-CoV
<b>Specificity</b>	This protein A purified antibody is directed against SARS Coronavirus Nucleocapsid (N) protein.
<b>Form</b>	Lyophilized
<b>Purification</b>	The product was purified from monospecific antiserum by protein A affinity purification.
<b>Recommend Usage</b>	ELISA (1:10000-1:50000) Flow Cytometry Immunofluorescence Immunohistochemistry (1:100-1:6000) Western Blot (1:2000-1:10000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2 (0.01% sodium azide).

**Storage Instruction**

Store at 4°C on dry atmosphere prior to restoration.  
After reconstitution with 100 uL of deionized water (or equivalent), aliquot and store at -20°C or lower.  
. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Recombinant protein)

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- Immunohistochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

## Gene Info — N

Entrez GeneID	<a href="#">1489678</a>
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Protein Accession#	<a href="#">P59595</a>
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Gene Name	N
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Gene Alias	-
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Gene Description	nucleocapsid protein
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Gene Ontology	<a href="#">Hyperlink</a>
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Other Designations	-
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## Publication Reference

- [Expression and purification of SARS coronavirus proteins using SUMO-fusions.](#)

Zuo X, Mattern MR, Tan R, Li S, Hall J, Sterner DE, Shoo J, Tran H, Lim P, Sarafianos SG, Kazi L, Navas-Martin S, Weiss SR, Butt TR.

Protein Expression and Purification 2005 Jul; 42(1):100.

- [Enhanced expression and purification of membrane proteins by SUMO fusion in Escherichia coli.](#)

Zuo X, Li S, Hall J, Mattern MR, Tran H, Shoo J, Tan R, Weiss SR, Butt TR.

Journal of Structural and Functional Genomics 2005 Jan; 6(2-3):103.

- [SUMO fusions and SUMO-specific protease for efficient expression and purification of proteins.](#)

Malakhov MP, Mattern MR, Malakhova OA, Drinker M, Weeks SD, Butt TR.

Journal of Structural and Functional Genomics 2004 Jan; 5(1-2):75.