SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0369-100	300 µg

Anti-Nucleocapsid (SARS-CoV-2)

Source: Goat

General description: The nucleocapsid protein is one of the core components of the SARS coronavirus (CoV). This protein forms a closed capsule, inside which the genomic RNA is securely stored, and it is also involved in packaging the RNA into virus particles.

Alternative names: nucleocapsid SARS Coronavirus-2, SARS-CoV-2 NP, SARS-CoV-2 N protein antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Affinity purified recombinant fusion protein using the C-terminal of Nucleocapsid (residues 280 to stop) and produced in E. coli

Specificity: In lysates of transfected cells with the plasmid containing the sequence used, detects the fusion protein by Western blot.

Reactivity: Reacts with Transfected cells proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Transfected cells	+++	ND	ND	ND	ND

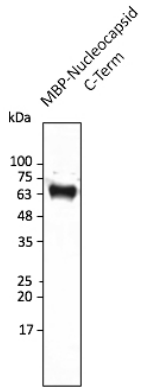
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:2,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..



Anti-Nucleocapsid Ab at 1/2,500 dilution; lane with 30 ng of recombinant fusion protein; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.