

Product Datasheet

Name: Rabbit Anti-SARS Nucleocapsid Protein Polyclonal Antibody

Description: pAbs were obtained by affinity purification, derived from rabbit serum immunized with recombinant SARS Nucleocapsid Protein.

Catalog No.	Isotype	Unit	Usage	Buffer
bs-49002R	IgG	mg	Capture /Detection	10mM PBS (pH7.4)

Specificity: pAbs react with recombinant antigen SARS Nucleocapsid Protein

Host: Rabbit

Clonality: Polyclonal

Format: Liquid

Concentration: ≥1mg/ml

Purification: ≥90% (SDS-PAGE)

Preservative: 0.1%Proclin300

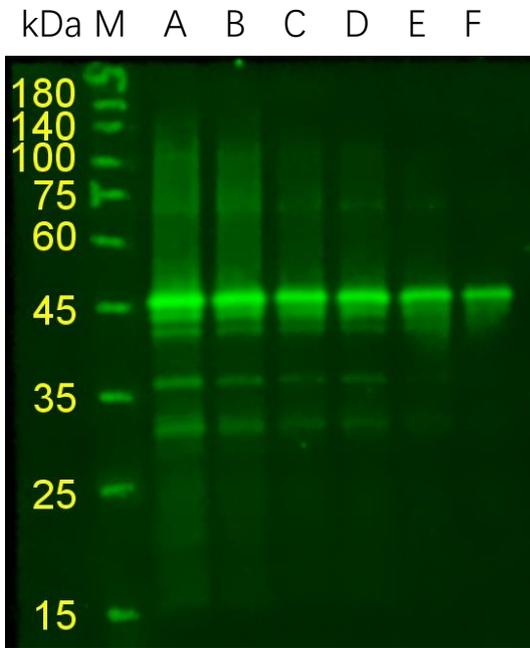
Application: Detection antibody. Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Store at -20 °C for three years. Avoid repeated freeze/thaw cycles.

Background: The nucleocapsid (N) protein of SARS-coronavirus (SARS-CoV) is the key protein for the formation of the helical nucleocapsid during virion assembly. The nucleocapsid (N) protein of SARS-CoV enters the host cell together with the viral RNA and interferes with several cellular processes. Some of these processes involve interactions between SARS-CoV N protein and host-cell proteins. It has also been demonstrated that the SARS-CoV N protein can bind to DNA in vitro. These interactions might have a role in the pathology of SARS. The N protein may be of potential value in vaccine development for specific prophylaxis and treatment against SARS.

Note: This product as supplied is intended for research or further manufacturing use only.

VALIDATION IMAGES



Anti-SARS Nucleocapsid Protein Rabbit Polyclonal Antibody (Cat# bs-49002R) at 1:1000 dilution.

Sample: rSARS Nucleocapsid Protein (Cat# bs-49002P)

Lane A: 50ng

Lane B: 25ng

Lane C: 15ng

Lane D: 10ng

Lane E: 5ng

Lane F: 2.5ng

Secondary

Goat Anti-Rabbit IgG (H+L)/IRDye800CW at 1/20000 dilution.

Developed using the Odyssey (Li-cor).

Performed under reducing conditions.