

Datasheet for ABIN7540671

anti-SARS-CoV-2 NSP13 (AA 584-601) antibody[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SARS-CoV-2 NSP13
Binding Specificity:	AA 584-601
Reactivity:	SARS Coronavirus (SARS-CoV)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Fluorescence Microscopy (FM), Immunoprecipitation (IP), Western Blotting (WB)

Product Details

Purpose:	Sars-Cov Nonstructural Protein 13 Antibody
Immunogen:	This antibody was prepared from whole rabbit serum produced by repeated immunizations with a BSA-coupled synthetic peptide corresponding to the C-terminus (amino acid residues 584-601) of the SARS Coronavirus nonstructural protein 13.
Isotype:	IgG
Cross-Reactivity (Details):	This antibody is directed against SARS-Coronavirus nsp13 protein.
Purification:	The product is neat antiserum.
Sterility:	Sterile filtered

Target Details

Target:	SARS-CoV-2 NSP13
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Target Details

Background: Rabbit anti-Sars-Cov Nonstructural Protein 13 Antibody, Replicase polyprotein 1a, pp1a antibody, Growth factor-like peptide, The coronavirus nonstructural protein 13 (nsp13) is one of the SARS-Coronavirus replicase cleaving products encoded by ORF1b. Nsp13 is thought to be part of the viral replication complex, which is associated with intracellular membranes. Nsp13 contains a C-terminal NTPase/Helicase domain and an N-terminal putative zinc-binding motif. Anti-SARS-CoV Nonstructural Protein 13 (nsp13) Antibody is useful for researchers interested in viral research.

Gene ID: 1489680, 30124074

UniProt: [P0C6U8](#)

Application Details

Application Notes: Immunoprecipitation_Dilution: 1:60
IF_Microscopy_Dilution: 1:800
Western_Blot_Dilution: 1:1,000
Other: IMMUNOELECTRON MICROSCOPY 1:300

Comment: Suggested Applications: IF, Multiplex
This antibody is suitable for use in western blotting, immunofluorescence microscopy and immunoelectron microscopy. Specific conditions for reactivity should be optimized by the end user. Expect a band of approximately 67 kDa in size corresponding to SARS-CoV nsp13 by western blotting in the appropriate cell lysate or extract. For immunofluorescence microscopy, Vero-E6 cells, grown on glass slides, were infected with SARS-CoV-Fr1 strain for 1 h at 37°C. Infection occurred in PBS/DEAE/2% FCS followed by exchange to EMEM/25mMHEPES/2% FCS. Cells were fixed with PBS/3% PFA. After washing fixed cells, antibody incubation was performed in PBS/5% FCS for 30 min.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Buffer: None
Stabilizer: None
Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. 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.
Expiry Date:	12 months