Datasheet for ABIN7540672

anti-SARS-CoV-2 NSP8 antibody

Go to Product page

Overview

Quantity:	100 µL
Target:	SARS-CoV-2 NSP8 (NSP8)
Reactivity:	SARS Coronavirus (SARS-CoV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 NSP8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Fluorescence Microscopy (FM)

Product Details

Purpose:	Sars-Cov Nonstructural Protein 8 Antibody
Immunogen:	This whole rabbit serum was produced by repeated immunizations with a purified His- tagged recombinant protein corresponding to full-length SARS-Coronavirus nsp8.
Isotype:	IgG
Cross-Reactivity (Details):	This antibody is directed against SARS-Coronavirus nsp8 protein.
Purification:	The product is neat antiserum.
Sterility:	Sterile filtered

Target Details

Target:	SARS-CoV-2 NSP8 (NSP8)

Target Details

Alternative Name:	SARS-CoV-2 NSP8 (NSP8 Products)
Background:	Rabbit anti-Sars-Cov Nonstructural Protein 8 Antibody, Replicase polyprotein 1a, ORF1a polyprotein, nsp8,The nonstructural protein 8 (nsp8) is one of the SARS-Coronavirus replicase cleaving products, encoded by ORF1a. Nsp8 is thought to be part of the viral replication complex, which is associated with intracellular membranes. No specific information on the function of nsp8 is available. Anti-SARS-CoV Nonstructural Protein 8 (nsp8) 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: 1:300 Western_Blot_Dilution: 1:1,000 Other: IMMUNOELECTRON MICROSCOPY 1:100
Comment:	This antibody has been tested for use in immunofluorescence microscopy, immunoelectron microscopy, immunoprecipitation and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band of approximately 22 kDa in size corresponding to SARS-CoV nsp8 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/25mM HEPES/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
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	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