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Datasheet for ABIN6990147

anti-SARS-CoV-2 NSP10 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 NSP10 (NSP10)
Binding Specificity:	C-Term
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 NSP10 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19) NSP10 antibody was raised against a peptide corresponding to 10 amino acids near the carboxyl terminus of SARS-CoV-2 (COVID-19) NSP10 protein. The immunogen is located in the last 50 amino acids of SARS-CoV-2 (COVID-19) NSP10.
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19) NSP10 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV-2 NSP10 (NSP10)
Alternative Name:	SARS-CoV-2 NSP10 (NSP10 Products)
Target Type:	Viral Protein

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Target Details

Background:	Coronavirus disease 2019 (COVID-19), formerly known as 2019-nCoV acute respiratory disease, is an infectious disease caused by SARS-CoV-2, a virus closely related to the SARS virus (1). The disease is the cause of the 2019-20 coronavirus outbreak (2). The structure of 2019-nCoV consists of the following: a spike protein (S), hemagglutinin-esterease dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleoclapid protein (N) and RNA. NSP10 plays a pivotal role in viral transcription by stimulating both nsp14 3'-5' exoribonuclease and nsp16 2'-O-methyltransferase activities. Therefore it plays an essential role in viral mRNAs cap methylation (3).
Gene ID:	43740578
NCBI Accession:	YP_009742617
UniProt:	P0DTC1

Application Details

Application Notes:	WB 1-4 µ,g/mL, IHC: 0.5 µ,g/mL. Antibody validated: Immunohistochemistry in human samples. SARS-CoV-2 (COVID-19) NSP10 antibody can detect 2 ng of free peptide at 1 µ,g/mL in ELISA. It can detect SARS-CoV-2 NSP10 recombinant protein by ELISA and WB. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SARS-CoV-2 (COVID-19) NSP10 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	SARS-CoV-2 (COVID-19) NSP10 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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