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Datasheet for ABIN6990148

anti-SARS-CoV-2 NSP13 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 NSP13 (HEL)
Binding Specificity:	C-Term
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 NSP13 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19) NSP13 (Helicase) antibody was raised against a peptide corresponding to 19 amino acids near the carboxyl terminus of the SARS-CoV-2 (COVID-19) NSP13 (Helicase) protein. The immunogen is located in the last 50 amino acids of SARS-CoV-2 (COVID-19) NSP13 (Helicase).
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19) NSP13 (Helicase) Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV-2 NSP13 (HEL)
Alternative Name:	SARS-CoV-2 Helicase (NSP13) (HEL Products)

Target Details

Target Type:	Viral Protein
Background:	<p>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).</p> <p>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-esterase dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleocapsid protein (N) and RNA. NSP13 is a multi-functional protein with a zinc-binding domain in N-terminus displaying RNA and DNA duplex-unwinding activities with 5' to 3' polarity. Activity of Helicase is dependent on magnesium(3,4).</p>
Gene ID:	43740578
NCBI Accession:	YP_009725308
UniProt:	P0DTC1

Application Details

Application Notes:	<p>IHC: 0.5 µg/mL.</p> <p>Antibody validated: Immunohistochemistry in human samples. SARS-CoV-2 (COVID-19) NSP13 antibody can detect 2 ng of free peptide at 1 µg/mL in ELISA. It can detect SARS-CoV-2 NSP13 recombinant protein by ELISA. All other applications and species not yet tested</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SARS-CoV-2 (COVID-19) NSP13 (Helicase) 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) NSP13 (Helicase) 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.