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Datasheet for ABIN6990137

**anti-SARS-CoV-2 NSP8 antibody (AA 60-110)**

## Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 NSP8 (NSP8)
Binding Specificity:	AA 60-110
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 NSP8 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19) NSP8 antibody was raised against a peptide corresponding to 14 amino acids near the center of SARS-CoV-2 (COVID-19) NSP8 protein. The immunogen is located within 60-110 amino acids of SARS-CoV-2 (COVID-19) NSP8.
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19) NSP8 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	SARS-CoV-2 NSP8 (NSP8)
Alternative Name:	SARS-CoV-2 NSP8 ( <a href="#">NSP8 Products</a> )
Target Type:	Viral Protein

## 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-esterase dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleocapsid protein (N) and RNA. NSP8 plays a role in viral RNA synthesis (3,4,5). Forms a hexadecamer with nsp7 (8 subunits of each) that may participate in viral replication by acting as a primase. Alternatively, it may synthesize substantially longer products than oligonucleotide primers (6).

**Gene ID:** 43740578

**NCBI Accession:** [YP\\_009742615](#)

**UniProt:** [P0DTC1](#)

## Application Details

**Application Notes:** IHC: 0.5 µg/mL.

Antibody validated: Immunohistochemistry in human samples. SARS-CoV-2 (COVID-19) NSP8 antibody can detect 2 ng of free peptide at 1 µg/mL in ELISA. It can detect SARS-CoV-2 NSP8 recombinant protein by ELISA. 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) NSP8 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) NSP8 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.