

SARS-CoV-2 (COVID-19) NSP10 Antibody

Catalog # ASC12091

Product Information

Application	WB, E
Other Accession	YP_009742617.1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	Non-structural protein 10

Additional Information

Gene ID	43740578
Alias Symbol	Non-structural protein 10
Other Names	NSP10, Growth factor-like peptide, GFL

Reconstitution & Storage	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.
-------------------------------------	---

Precautions	SARS-CoV-2 (COVID-19) NSP10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
--------------------	--

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. NSP10 plays a pivotal role in viral transcription by stimulating both nsp14 3'-5' exonuclease and nsp16 2'-O-methyltransferase activities. Therefore it plays an essential role in viral mRNAs cap methylation (3).

References

Gorbalenya. bioRxiv: 2020.Hui et al. Int J Infect Dis. 2020;91:264-266.Bouvet et. al. Proc. Natl. Acad. Sci. U.S.A. 2012;109:9372-9377

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.