

SARS-CoV-2 (COVID-19) NSP2 Antibody

Catalog # ASC12087

Product Information

Application	WB, E
Other Accession	YP_009742609.1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	Non-structural protein 2

Additional Information

Gene ID	43740578
Alias Symbol	Non-structural protein 2
Other Names	NSP2, p65 homolog

Reconstitution & Storage	SARS-CoV-2 (COVID-19) NSP2 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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Precautions	SARS-CoV-2 (COVID-19) NSP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
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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. NSP2 may play a role in the modulation of host cell survival signaling pathway by interacting with host PHB and PHB2. Indeed, these two proteins play a role in maintaining the functional integrity of the mitochondria and protecting cells from various stresses (3).

References

Gorbalenya. bioRxiv: 2020.Hui et al. Int J Infect Dis. 2020;91:264-266.Cornillez-Ty et al. J.Virol. 2019; 83:10314-10318

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