

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

Catalog # ASC12088

Specification

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

Application WB, E

Other Accession YP 009742609.1 Host Rabbit Clonality **Polyclonal**

Isotype IgG

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

Gene ID 43740578 Non-structural protein 2

Alias Symbol **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.

Precautions

SARS-CoV-2 (COVID-19) NSP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

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

Provided below are standard protocols that you may find useful for product applications.

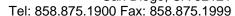
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

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

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