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SARS-CoV-2 (COVID-19) NSP10 Antibody
Catalog # ASC12091

Specification

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

Application	**WB, E**
Other Accession	YP_009742617.1
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**

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

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

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

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

SARS-CoV-2 (COVID-19) NSP10 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. NSP10 plays a pivotal role in viral transcription by stimulating both nsp14 3'-5' exoribonuclease and nsp16 2'-O-methyltransferase activities. Therefore it plays an essential role in viral mRNAs cap methylation (3).

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