

SARS-CoV-2 (COVID-19) Nucleocapsid antibody [HL344]

Cat. No. GTX635679

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, ELISA, Sandwich ELISA, IHC-P (cell pellet)
Reactivity	SARS Coronavirus 2

Reference (56)

Pack age

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
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WB	1:5000-1:20000
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ICC/IF	1:100-1:1000
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IHC-P	1:500-1:1000
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IHC-Fr	Assay dependent
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ELISA	Assay dependent
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Sandwich ELISA	Assay dependent
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IHC-P (cell pellet)	Assay dependent
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Note : Recommended heat-Induced Epitope Retrieval pH 6.0 for 20 minutes.

Capture : GTX635679, Detection : GTX635678 / GTX635688 / GTX635686-01.

Please notice that GTX635688 / GTX635678 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635679. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note

This antibody detects SARS-CoV-2 nucleocapsid protein, but does not cross-react with SARS-CoV or MERS-CoV nucleocapsid proteins based on our internal testing.

PROPERTIES

Form	Liquid
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Buffer	PBS
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Preservative	No preservative
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Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
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Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
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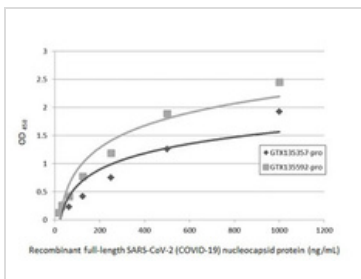
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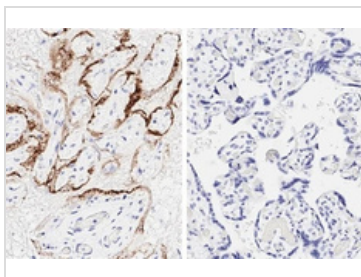
Immunogen	Full length SARS-CoV-2 (COVID-19) nucleocapsid Recombinant protein. (SARS-CoV-2 (strain Wuhan-Hu-1))
Purification	Affinity purified by protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



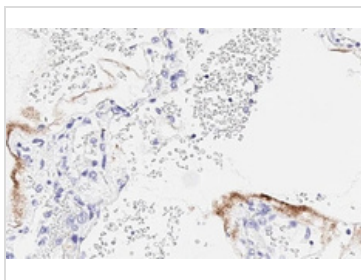
GTX635679 ELISA Image

Indirect ELISA analysis was performed by coating plate with 50 μ L of recombinant full-length SARS-CoV-2 (COVID-19) nucleocapsid protein (GTX135357-pro) and (GTX135592-pro) at concentrations ranging from 0.015 μ g/mL to 1 μ g/mL. The coated protein is detected with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) at 1 μ g/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



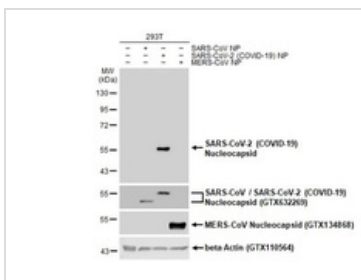
GTX635679 IHC-P Image

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunohistochemical analysis of SARS-CoV-2 infected human placenta (left) and normal human placenta (right). The IHC-P was performed by HISTOWIZ.



GTX635679 IHC-P Image

SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) detects SARS-CoV-2 (COVID-19) nucleocapsid protein by immunohistochemical analysis of SARS-CoV-2 infected human lung. The IHC-P was performed by HISTOWIZ.



GTX635679 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL344] (GTX635679) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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