SARS-CoV-2 S2 Protein Polyclonal Antibody(2019-nCoV)

Catalog Number:E-AB-V1032

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	SARS-COV2
Immunogen	Recombinant SARS-CoV-2 S2 Protein
Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Formulation	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.

Applications	Recommended Dilution
ELISA	1:4000~1:8000

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Mediates fusion of the virion and cellular membranes by acting as a class I viral fusion protein. Under the current model, the protein has at least three conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and target cell membrane fusion, the coiled coil regions (heptad repeats) assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. The formation of this structure appears to drive apposition and subsequent fusion of viral and target cell membranes.

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