

Product Details

Summary

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| Product name | Anti SARS-CoV-2 (2019-nCoV) S2 Protein polyclonal antibody |
| Catalog# | ATP243 |
| description | Produced in rabbits immunized with purified, Recombinant SARS-CoV-2 S2 Protein |
| Accession # | P0DTC2 |
| Alternative names | Spike glycoprotein, E2, Peplomer protein, Spike protein S2, S |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -88 °C for twelve months from the date of receipt. |
| Specificity | Recognizes SARS-CoV-2 S2 Protein |
| Isotype | IgG |
| Host | Rabbit |
| Clonality | Polyclonal |
| Conjugation | Unconjugate |
| Species reactivity | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2) |
| Tested applications | Elisa |
| Immunogen | Recombinant SARS-CoV-2 S2 Protein(Ser686-Pro1213) |

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.

Product performance

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| Form | Liquid |
| Buffer | PBS, pH7.4, containing 0.05% proclin300, 50% glycerol. |
| Concentration | 0.61mg/ml |
| MW | 141kDa |



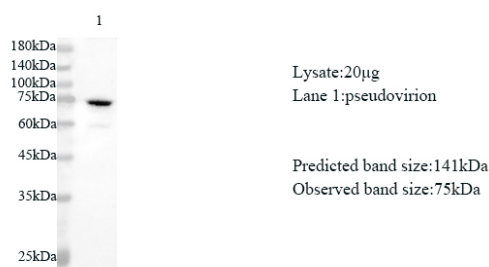
Anti SARS-CoV-2 (2019-nCoV) S2 Protein polyclonal
antibody

Application

Dilution Range

Elisa: 1:4000~1:8000

Tested Picture



Various lysates were subjected to SDS PAGE followed by western blot with SARS-CoV-2 (2019-nCoV) S2 Protein antibody at dilution of 1:1000.

Note

For research use only.