

Goat COVID 19 Spike protein- S1 Domain Coronavirus Antibody | anti-COVID-19 antibody

Goat anti-SARS-CoV2 Spike protein- S1 Domain (aa244-254) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61886	Goat	ViralExpected from sequence similarity: Human Coronavirus	Immunofluorescence, Western Blot, ELISA

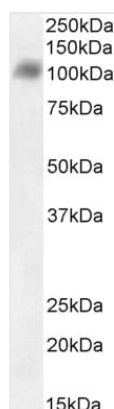
PRODUCT SYNONYMS

COVID 19 Spike protein- S1 Domain Coronavirus; Goat anti-SARS-CoV2 Spike protein- S1 Domain (aa244-254) Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) isolate Wuhan-Hu-1; SARS-CoV2 Spike protein- S1 Domain (aa244-254); anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

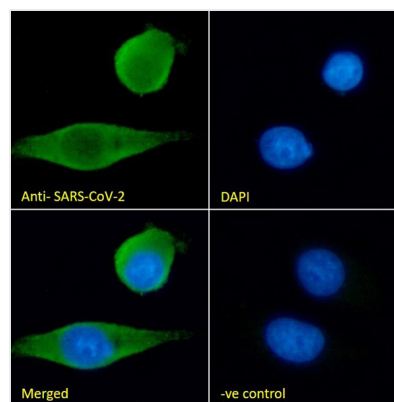
Host	Goat
Reactivity	Viral Expected from sequence similarity: Human Coronavirus
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-COVID-19 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence PROPRIETARY.,-C, from the N Terminus of the protein sequence according to P0DTC2; NC_045512.2/MN908947.
Epitope	N Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

AAA61886 (1ug/ml) staining of recombinant Spike Protein S1 (1ug protein in PBS, pH 7.4). Detected by chemiluminescence.



ICC (Immunocytochemistry)

AAA61886 Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells transiently transfected with SARS-CoV-2 spike protein expressing plasmid, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: non-transfected HEK293 cells.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	PODTC2
Molecular Weight	100-110

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/goat-covid-19-human-viral-antibody/covid-19-spike-protein-s1-domain-coronavirus/61886>