

Rabbit anti-SARS-CoV-2 COVID 19 Spike RBD Coronavirus Polyclonal Antibody | anti-SARS-CoV-2 antibody

SARS-CoV-2 Spike RBD Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282032	Rabbit	SARS-CoV-2	Immunoprecipitation, Immunofluorescence, Western Blot, ELISA

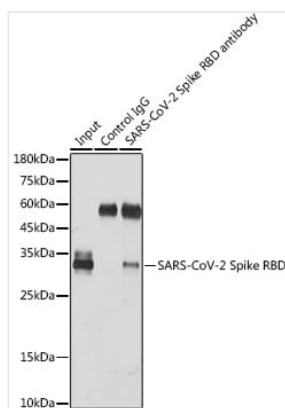
PRODUCT SYNONYMS

COVID 19 Spike RBD Coronavirus; Polyclonal Antibody; SARS-CoV-2 Spike RBD Rabbit pAb; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Nucleocapsid; Nucleoprotein (NP); Spike RBD; anti-SARS-CoV-2 antibody

PRODUCT SPECIFICATIONS

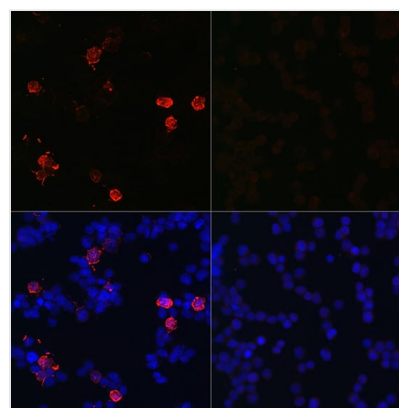
Host	Rabbit
Reactivity	SARS-CoV-2
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-SARS-CoV-2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant fusion protein of SARS-CoV-2 Spike RBD.
Positive Samples	293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



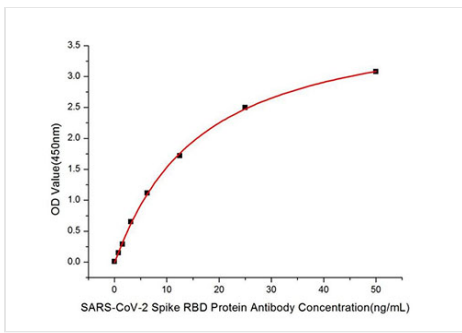
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug SARS-CoV-2 Spike RBD antibody. Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike RBD antibody at a dilution of 1:3000.



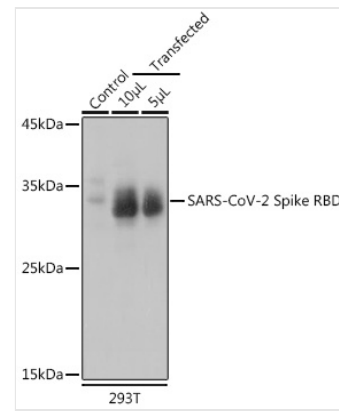
IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells transfected with SARS-CoV-2 Spike RBD protein and untreated 293T cells use SARS-CoV-2 Spike RBD Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Application Data

Immobilized Recombinant SARS-COV-2 Spike RBD Protein (RP01278LQ) at 1 ug/mL (100 uL/well) can bind SARS-CoV-2 Spike RBD Rabbit pAb with a linear range of 0.78-50ng/mL.



WB (Western Blot)

Western blot analysis of extracts of normal 293T cells and 293T transfected with Spike RBD Protein, using SARS-CoV-2 Spike RBD antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
UniProt Accession #	P0DTC2
Molecular Weight	Observed MW: 30kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/covid-19-spike-rbd-coronavirus-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/282032>