

Rabbit COVID 19 Envelope Protein COVID 19 Polyclonal Antibody | anti-COVID-19 antibody

SARS-CoV-2 Envelope Protein (E Protein) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268921	Rabbit	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

COVID 19 Envelope Protein COVID 19; Polyclonal Antibody; SARS-CoV-2 Envelope Protein (E Protein) Polyclonal Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Envelope Protein; anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody reacts specific to envelope protein (E Protein) of Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), COVID-19 (100%).
Purity/Purification	The antibody was Protein A purified from rabbit antiserum by affinity-chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% Proclin300.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-COVID-19 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antibody was developed by immunizing rabbits with synthetic peptides corresponding to amino acids range 34-74aa of the Envelope protein (E Protein).
Preparation and Storage	Store at 4°C for short term. Aliquot and store at -20°C for one year. Avoid freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	2019-nCoV rabbit polyclonal antibody Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined. The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The envelope protein is found in virus particles. This protein facilitates assembly and release of the virus and has ion channel activity required for pathogenesis.
--	---

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Band: 8.2 kD
------------------	------------------------

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.

