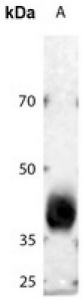
SARS-CoV-2 Spike Glycoprotein Antibody

Catalogue No.:abx226551



Western blot analysis of COVID-19 Spike glycoprotein using Recombinant COVID-19 S Protein RBD-SD1.

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Spike Glycoprotein Antibody is a Rabbit Polyclonal Antibody against SARS-CoV-2/COVID-19 Spike Glycoprotein.

The SARS-CoV-2 Spike Protein (S protein) is a viral protein that allows the entry of SARS-CoV-2 into human cells. The protein forms trimers on the viral capsid and binds to human Angiotensin Converting Enzyme 2 (ACE2) located on the cell surface. The protein has a cleavage site between the S1 and S2 subunits that is targeted by the human enzyme Furin, and it may also cause the development of a syncytium (cell fusion). Antibodies to S protein can prevent viral entry as well as target the virus for further immune action.

Target:	SARS-CoV-2 Spike Glycoprotein
Research Area:	Infection Immunity
Clonality:	Polyclonal
Reactivity:	Virus
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000 - 1/3000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the middle region of COVID-19 Spike glycoprotein. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by immunogen affinity chromatography.

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Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P0DTC2 (UniProt, ExPASy)
GeneID:	43740568
Buffer:	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Specificity:	Recognizes COVID-19 Spike glycoprotein.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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