

Rabbit coronavirus Spike glycoprotein Polyclonal Antibody | anti-S antibody

Rabbit anti-Bovine coronavirus Spike glycoprotein polyclonal Antibody, FITC

CATALOG # AAA118755	HOST Rabbit	REACTIVITY Bovine coronavirus	APPLICATIONS ELISA
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PRODUCT SYNONYMS

coronavirus Spike glycoprotein; Polyclonal Antibody; Rabbit anti-Bovine coronavirus Spike glycoprotein polyclonal Antibody; FITC; Spike glycoprotein (S glycoprotein)(E2)(Peplomer protein)[Cleaved into: Spike protein S1(90B); Spike protein S2 (90A)]; S; E2; Peplomer protein; anti-S antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine coronavirus
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95% Protein G purified
Form/Format	Liquid
Applicable Applications for anti-S antibody	ELISA
Immunogen	Recombinant Bovine coronavirus Spike glycoprotein protein (326-540AA)
Conjugate	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Bovine coronavirus
Research Area	Others
Target Names	S
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-S antibody	S1 attaches the virion to the cell membrane by binding to 9-O-acetylated sialic acid containing proteins, initiating the infection. By similarity S2 is a class I viral fusion protein. Under the current model, the protein has at least 3 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 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	138174
UniProt Accession #	P25194
NCBI Official Full Name	Spike glycoprotein

UniProt Protein Name	Spike glycoprotein
UniProt Gene Name	S
UniProt Synonym Gene Names	S glycoprotein
UniProt Entry Name	SPIKE_CVBV

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://www.aaabiotech.com/polyclonal/coronavirus-spike-glycoprotein-antibody-elisa/118755>