

Rabbit coronavirus OC43 Spike glycoprotein Polyclonal Antibody | anti-S antibody

Rabbit anti-Human coronavirus OC43 Spike glycoprotein polyclonal Antibody, HRP conjugated

CATALOG # AAA118694	HOST Rabbit	REACTIVITY Human Coronavirus OC43	APPLICATIONS ELISA
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PRODUCT SYNONYMS

coronavirus OC43 Spike glycoprotein; Polyclonal Antibody; Rabbit anti-Human coronavirus OC43 Spike glycoprotein polyclonal Antibody; HRP conjugated; Spike glycoprotein (S glycoprotein) (E2) (Peplomer protein) [Cleaved into: Spike protein S1 (90B); Spike protein S2 (90A)]; S; anti-S antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Coronavirus OC43
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1361
Applicable Applications for anti-S antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	HRP
Immunogen	Recombinant Human coronavirus OC43 Spike glycoprotein protein(15-344aa)
Species	Human coronavirus OC43
Research Area	Others
Target Names	S
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-S antibody	S1 attaches the virion to the cell membrane by interacting with sialic acid-containing cell receptors, initiating the infection. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38018026
NCBI GeneID	2648208

NCBI Accession #	NP_937950.1
NCBI GenBank Nucleotide #	NC_005147.1
UniProt Accession #	P36334 ; Q66199 ; Q66290 ; Q66291 ; Q696Q6 ; Q6TNF9 ; Q86623
NCBI Official Full Name	S protein
NCBI Official Symbol	S
NCBI Protein Information	spike surface glycoprotein
UniProt Protein Name	Spike glycoprotein
UniProt Gene Name	S
UniProt Synonym Gene Names	S glycoprotein
UniProt Entry Name	SPIKE_CVHOC

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-oc43-spike-glycoprotein-antibody-elisa/118694>