Rabbit Spike (HCoV-HKU1) Polyclonal Antibody

Anti-Spike (HCoV-HKU1) Rabbit Polyclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA62219	**Rabbit**	**Western Blot, ELISA**

PRODUCT SYNONYMS

Spike (HCoV-HKU1); Polyclonal Antibody; Anti-Spike (HCoV-HKU1) Rabbit Polyclonal Antibody; anti-Spike (HCoV-HKU1) antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Reacts with spike protein of HCoV-HKU1. Cross-reaction to spike proteins from other coronavirus not tested.
Purity/Purification	Protein G immunoaffinity chromatography
Form/Format	In PBS with 0.1% gelatin and 0.1% sodium azide
Concentration	2 ug/ul (varies by lot)
Applicable Applications for anti-Spike (HCoV-HKU1) antibody	WB (Western Blot), ELISA
Immunogen	Genetic immunization of rabbit with a eukaryotic expression vector bearing full length HCoV-HKU1 spike protein (Gene Accession#: Q0ZME7)
Preparation and Storage	Store at -20 degree C; Stable for 6-months from the date of shipment when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES

ELISA
Figure 1. Titration curves of anti-spike rabbit polyclonal antibody to HCoV-HKU1 spike protein. 96-well corning EILSA plate was coated with HKU1 spike protein at a concentration of 2 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Spike (HCoV-HKU1) antibody	Rabbit polyclonal anti-spike protein (HCoV-HKU1) antibody HCoV-HKU1 is the one of seven known coronaviruses to infect humans, including HCoV-229E, HCoV-NL63, HCoV-OC43, MERS-CoV, the original SARS-CoV (or SARS-CoV-1), and SARS-CoV-2. The virus is an enveloped, positive-sense, single-stranded 29,926-nucleotide polyadenylated RNA virus which enters its host cell by binding to the N-acetyl-9-O-acetylneuraminic acid receptor. It has the Hemagglutinin esterase (HE) gene, which distinguishes it as a member of the genus Betacoronavirus and subgenus Embecovirus. The genome organization is the same as that of other Betacoronaviruses, with the characteristic gene order 1a, 1b, HE, S, E, M, and N. Furthermore, accessory protein genes are present between the S and E genes (ORF4) and at the position of the N gene (ORF8).

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/spike-hcov-hku1-antibody-western-blot-elisa/62219