S Antibody

PACO34410

Product Information

Size:

50ug

Reactivity:

Bovine coronavirus

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:

Protein Background:

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.

Gene ID:

S

Uniprot

P25194

Synonyms:

Spike glycoprotein (S glycoprotein) (E2) (Peplomer protein) [Cleaved into: Spike protein S1 (90B); Spike protein S2 (90A)], S

Immunogen:

Recombinant Bovine coronavirus Spike glycoprotein protein (326-540AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images

N/A N/A

