

CAB20611

Product Information

Product SKU:	CAB20611	Gene ID:	2943499	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	HCoV-NL63

Additional Information

Observed MW:	160kDa	Conjugate:	Unconjugated
Calculated MW:	150kDa	Isotype:	IgG

Immunogen Information

Background: S1 region attaches the virion to the cell membrane by interacting with host ACE2, initiating the infection. Binding to the receptor probably induces conformational changes in the S glycoprotein unmasking the fusion peptide and activating membranes fusion. S2 region belongs to the 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 regions 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.

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: -

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1200-1300 of coronavirus Spike S2 (YP_003767.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.