Datasheet for ABIN2754639

anti-Bovine Coronavirus Spike antibody (AA 326-540) (HRP)

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Overview

Quantity:	100 µg
Target:	Bovine Coronavirus Spike (BCoV S)
Binding Specificity:	AA 326-540
Reactivity:	Bovine Coronavirus (BCoV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bovine Coronavirus Spike antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Bovine coronavirus Spike glycoprotein protein(326-540AA)
Isotype:	IgG
Purification:	Caprylic Acid Ammonium Sulfate Precipitation purified

Target Details

Target:	Bovine Coronavirus Spike (BCoV S)
Alternative Name:	Bovine Corona Virus Peplomer Protein (BCoV S Products)
Target Type:	Viral 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

Target Details

	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).
UniProt:	P25194

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C/-80 °C