



Rabbit Anti-SARS-CoV-2 pp1ab polyclonal antibody (CABT-CS073)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	SARS-CoV-2 pp1ab
Target	SARS-CoV-2 pp1ab
Immunogen	Synthetic peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV-2
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	100 µg
Buffer	PBS, pH7.2
Preservative	0.02% sodium azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

BACKGROUND

Introduction

SARS-CoV-2 is an enveloped positive, single-stranded RNA virus from the family Coronaviridae. The 5' two-thirds of the genome encodes polyproteins, pp1a and pp1b, known as the replicase. The polyproteins (pp1a and pp1ab) are cleaved into 16 non-structural effector proteins by 3CLpro and PLpro allowing them to form the replication complex together with the RNA-dependent RNA polymerase, which synthesizes a full-length negative RNA strand template.

Keywords

SARS-CoV-2 pp1ab; SARS-CoV-2; SARS-CoV-2 pp1ab protein
