



Rabbit Anti-SARS-CoV-2 ORF8 Polyclonal antibody (CABT-CS068)

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

PRODUCT INFORMATION

Specificity	SARS-CoV-2 ORF8
Target	SARS-CoV-2 ORF8
Immunogen	Recombinant SARS-CoV-2 ORF8 Protein
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

The nsp3, S, ORF3, and ORF8 regions are known to be the most rapidly evolving regions among SARSr-CoV genomes. The ORF8 region, unique to SARSr-CoVs, is prone to mutations or deletions during interspecies transmission. One of the most striking genomic changes observed in SARS-CoV soon after its zoonotic transmission to humans was the acquisition of a characteristic 29-nt deletion which splits ORF8 into two ORFs, ORF8a and ORF8b.

Keywords

SARS-CoV-2 ORF8; SARS-CoV-2; SARS-CoV-2 ORF8 protein