



Rabbit Anti-SARS-CoV-2 NSP3a (NT1) Polyclonal antibody (CABT-CS155)

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

PRODUCT INFORMATION

Specificity	SARS-CoV-2 ORF3a
Target	SARS-CoV-2 ORF3a
Immunogen	Synthetic peptide located within the NT1 of SARS-CoV-2 (COVID-19) ORF3a.
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 with 10% glycerol, 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 orf3a (also called X1 or U274) gene is the largest unique open reading frame in the severe acute respiratory syndrome coronavirus genome and has been proposed to encode a protein with three transmembrane domains and a large cytoplasmic domain. Recent work has suggested that the 3a protein may play a structural role in the viral life cycle, although the mechanisms for this remain uncharacterized.

Keywords

SARS-CoV-2 ORF3a; SARS-CoV-2; SARS-CoV-2 ORF3a protein