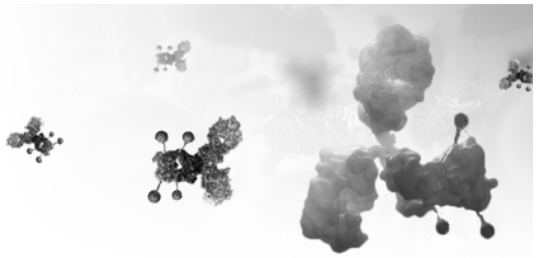

Rabbit Anti-SARS-CoV-2 ORF8 (CT) Polyclonal antibody (CABT-CS151)

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	Synthetic peptide located within the C terminus of SARS-CoV-2 (COVID-19) ORF8.
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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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

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