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SARS-CoV-2 ORF7a Rabbit pAb

Catalog No.: A20307

Basic Information

Observed MW
17kDa

Calculated MW
14kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
SARS-CoV-2

Background

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ ORF7a encodes a viral accessory protein. Based on its similarity to other coronavirus proteins, ORF7a protein is thought to be a type I transmembrane protein.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
43740573

Swiss Prot
P0DTC7

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

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Product Information

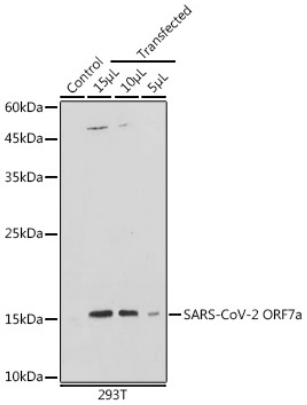
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of extracts of normal 293T cells and 293T transfected with ORF7a Protein, using SARS-CoV-2 ORF7a Rabbit pAb (A20307) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.