

**SARS-CoV-2 ORF3A polyclonal antibody**

Catalog: BS80249

Host: Rabbit

Reactivity: SARS-CoV-2

BackGround:

Plays a role in viral egress via lysosomal trafficking. Forms homotetrameric ion channels (viroporin localized at endosomes and lysosomes, that may induce deacidification of lysosomes, allowing safe egress of virions via lysosomal trafficking. Also blocks autolysosomes formation by binding and sequestering the host component VPS39 for homotypic fusion and protein sorting (HOPS on late endosomes. This prevents fusion of autophagosomes with lysosomes, disrupting autophagy and facilitating virus egress.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

35KDa

Swiss-Prot:

P0DTC3

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:

Western blot analysis of extracts of 293T cells, using SARS-CoV-2 ORF3A antibody at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

Note:

For research use only, not for use in diagnostic procedure.

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