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SARS-CoV-2 ORF9b Rabbit pAb

货号: **AYP14752**

产品信息

反应	SARS-CoV-2
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	
实测分子量	12-14KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	
纯化	Affinity purification

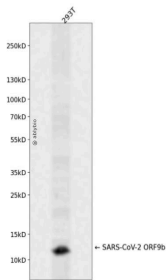
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of coronavirus ORF 9b (P0DTD2).
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靶点信息

研究背景	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) is the causative agent of the COVID19 pandemic. SARS-CoV-2 and SARS-CoV share many proteins common in other CoVs, including 4 major structural proteins (S, E, M, and N proteins) and 16 nonstructural proteins (nsp1-16), they possess a unique set of proteins, namely orf3a, 3b, 6, 7a, 7b, 8a, 8b, and 9b. The SARS-CoV-2 genome encodes for a small accessory protein termed Orf9b, which targets the mitochondrial outer membrane protein TOM70 in infected cells. This 98-amino acid (aa) protein is encoded by an alternative open reading frame (ORF) within the N gene and is translated via a leaky scanning mechanism during translation. Crystal structures of orf9b alone revealed a homodimeric β -strand-rich structure with a hydrophobic central tunnel for lipid binding, consistent with the role of orf9b in the mature virion assembly.
基因ID	
基因名	
Swiss	P0DTD2 (https://www.uniprot.org/uniprotkb/P0DTD2/entry)
别名	SARS-CoV-2 ORF9b Rabbit pAb, Accessory protein 9b, ORF-9b, Protein 9b, ORF9b

产品验证



Western blot analysis of SARS-CoV-2 ORF9b expressed in 293T using SARS-CoV-2 ORF9b Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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