

# SARS-CoV-2 NSP1 Rabbit pAb

货号: AYP22406

## 产品信息

反应	SARS-CoV-2
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IP
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IP:</b> 1:500 - 1:1000
理论分子量	
实测分子量	20KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Virion membrane
纯化	Affinity purification

## 抗原信息

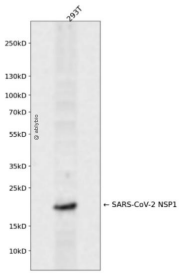
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of coronavirus NSP1 (YP_009742608.1).
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## 靶点信息

研究背景	[Spike protein S1]: attaches the virion to the cell membrane by interacting with host receptor, initiating the infection. Binding to human ACE2 receptor and internalization of the virus into the endosomes of the host cell induces conformational changes in the Spike glycoprotein. Binding to host NRP1 and NRP2 via C-terminal polybasic sequence enhances virion entry into host cell. This interaction may explain virus tropism of human olfactory epithelium cells, which express high level of NRP1 and NRP2 but low level of ACE2. The stalk domain of S contains three hinges, giving the head unexpected orientational freedom. Uses human TMPRSS2 for priming in human lung cells which is an essential step for viral entry. Can be alternatively processed by host furin. Proteolysis by cathepsin CTSL may unmask the fusion peptide of S2 and activate membranes fusion within endosomes.
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基因ID	43740578
基因名	S
Swiss	P0DTC2
别名	

## 产品验证



Western blot analysis of SARS-CoV-2 NSP1 expressed in 293T using SARS-CoV-2 NSP1 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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