

HCoV-NL63 Spike S2 Rabbit pAb

货号: **AYP17991**

产品信息

反应	HCoV-NL63
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	149kDa
实测分子量	160KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Human coronavirus (HCoV-NL63) Spike Protein (S1+S2 ECDHis Tag)
细胞定位	
纯化	Affinity purification

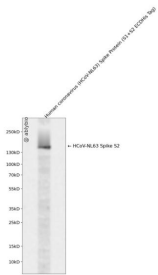
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1200-1300 of coronavirus Spike S2 (YP_003767.1).
序列	VNISRVELHTVIPDYVDVNKTLQEFAQNLPKYVKPNFDLTPFNLTLYLNLSSSELKQLEAKTASLFQTTVELQGLIDQINSTYVDL KLLNRFENYIKWPWWWW

靶点信息

研究背景	S1 region attaches the virion to the cell membrane by interacting with host ACE2, initiating the infection. Binding to the receptor probably induces conformational changes in the S glycoprotein unmasking the fusion peptide and activating membranes fusion. S2 region belongs to the class I viral fusion protein. Under the current model, the protein has at least 3 conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and target cell membrane fusion, the coiled coil regions (heptad repeats regions assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. The formation of this structure appears to drive apposition and subsequent fusion of viral and target cell membranes.
基因ID	2943499
基因名	
Swiss	Q6Q1S2
别名	

产品验证



Western blot analysis of HCoV-NL63 Spike S2 expressed in Human coronavirus (HCoV-NL63) Spike Protein (S1+S2 ECDHis Tag) using HCoV-NL63 Spike S2 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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