HCoV-NL63 Spike S2 Rabbit pAb

货号: B17991

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℃. 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

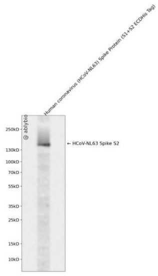
抗原信息

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	VNISRVELHTVIPDYVDVNKTLQEFAQNLPKYVKPNFDLTPFNLTYLNLSSELKQLEAKTASLFQTTVELQGLIDQINSTYVDLKLLNRFENYIKWPWWVW

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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