

SARS-CoV-2 Spike RBD Rabbit pAb

货号: **AYP12848**

产品信息

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| 反应 | SARS-CoV-2 |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | WB: SARS-CoV-2 ELISA: SARS-CoV-2 FC: Homo sapiens |
| 应用 | ELISA WB IF/ICC IP |
| 推荐浓度 | ELISA: 1:50000-1:200000 WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 IP: 1:1000 - 1:5000 |
| 理论分子量 | |
| 实测分子量 | 30kDa |
| 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 | Virion membrane |
| 纯化 | Affinity purification |

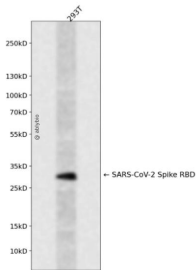
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 332-550 of coronavirus Spike RBD (QHD43416.1). |
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靶点信息

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| 研究背景 | The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. The spike is essential for both host specificity and viral infectivity. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process. It's been reported that SARS-CoV-2 (COVID-19 coronavirus, 2019-nCoV) can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. The main functions for the Spike protein are summarized as: Mediate receptor binding and membrane fusion; Defines the range of the hosts and specificity of the virus; Main component to bind with the neutralizing antibody; Key target for vaccine design; Can be transmitted between different hosts through gene recombination or mutation of the receptor binding domain (RBD), leading to a higher mortality rate. |
| 基因ID | 43740568 |
| 基因名 | S |
| Swiss | P0DTC2 |
| 别名 | |

产品验证



Western blot analysis of SARS-CoV-2 Spike RBD expressed in 293T using SARS-CoV-2 Spike RBD Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30 ug 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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