

# Anti-SARS-CoV Spike S1 Polyclonal Antibody

Cat: K109877P

## Summary:

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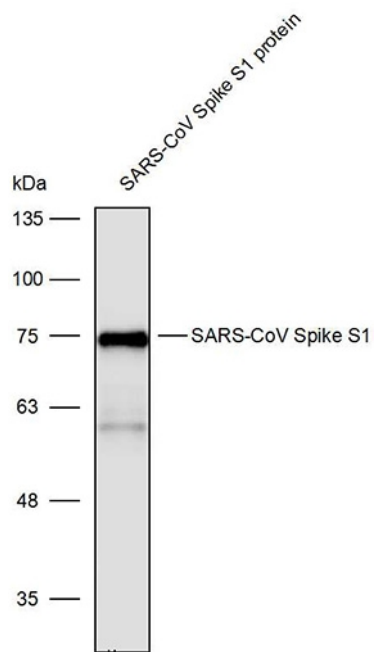
<b>【Product name】</b> : Anti-SARS-CoV Spike S1 Antibody	<b>【Source】</b> : Rabbit
<b>【Isotype】</b> : IgG	<b>【Species reactivity】</b> : SARS-CoV Spike S1
<b>【Swiss Prot】</b> : P59594	<b>【Gene ID】</b> : 1489668
<b>【Calculated】</b> : MW:75kDa	<b>【Observed】</b> : MW:75kDa
<b>【Purification】</b> : Affinity purification	
<b>【Tested applications】</b> : WB	
<b>【Recommended dilution】</b> : WB 1:10000-20000.	
<b>【WB Positive sample】</b> : SARS-CoV Spike S1 Protein	
<b>【Subcellular location】</b> :	
<b>【Immunogen】</b> : A synthetic peptide of SARS-CoV Spike S1	
<b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

## Background:

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Attaches the virion to the cell membrane by interacting with host receptor, initiating the infection (By similarity). Binding to human ACE2 and CLEC4M/DC-SIGNR receptors and internalization of the virus into the endosomes of the host cell induces conformational changes in the S glycoprotein. Proteolysis by cathepsin CTSL may unmask the fusion peptide of S2 and activate membranes fusion within endosomes.

## Verified picture



Western blot analysis with SARS-CoV Spike S1 antibody  
diluted at 1:15000; Lane: SARS-CoV Spike S1 Protein