

## **SARS-COV-2 Spike RBD(Omicron) Protein Polyclonal Antibody**

**CAB21926**

### **Description**

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This SARS-COV-2 Spike RBD(Omicron) Protein Polyclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### **Product Information**

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**SKU:** CAB21926  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** spike glycoprotein  
**Clone:** -  
**Applications:** WB ELISA  
**Conjugation:** -  
**Reactivity:** SARS-CoV-2

### **Antibody Data**

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**Gene ID:** 43740568  
**Uniprot:** -  
**Host Species:**  
**Purification:** Affinity purification  
**Observed MW:** 35-40kDa  
**Calculated MW:** 141kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:**

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**Recommended Dilutions:**

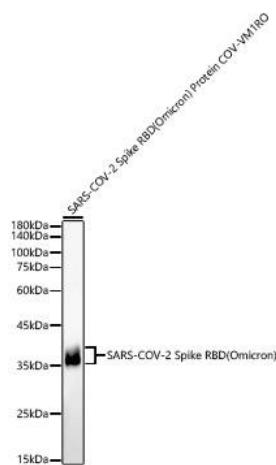
<b>WB</b>	1:1000 - 1:5000
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of lysates from SARS-CoV-2 Spike RBD(Omicron) Protein COV-VM1RO, using SARS-CoV-2 Spike RBD(Omicron) Protein pAb (CAB21926) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 200ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 24s.