

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SARS-CoV-2 S protein (126-264 aa)



Numéro de catalogue: 28869-1-AP

Informations de base

Numéro de catalogue: 28869-1-AP	Numéro d'acquisition GenBank: NC_045512	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 43740568	
Hôte: Lapin	Nom complet: SARS-CoV-2 Spike Protein	
Isotype: IgG	MW calculé 141 kDa	
Immunogen Catalog Number: AG30679		

Applications

Applications testées:
ELISA
Spécificité de l'espèce:
Virus

Informations générales

Coronaviruses (CoVs) infect human and animals and cause varieties of diseases, including respiratory, enteric, renal, and neurological diseases. CoV uses its spike protein to recognize ACE2 as its receptors and mediate membrane fusion and virus entry into host cells (PMID: 32221306). Each monomer of trimeric S protein is about 180 kDa, and contains two subunits, S1 and S2, S1 recognizes and binds to host receptors, and subsequent conformational changes in S2 facilitate fusion between the viral envelope and the host cell membrane (PMID: 19198616). Although the amino acid sequences of the S-glycoprotein were found to be different between the various HCoV, the structures showed high similarity, but the best 3D structural overlap shared by SARS-CoV and SARS-CoV-2, consistent with the shared ACE2 predicted receptor (PMID: 32522207). The spike protein of CoVs can be a target for vaccine and therapeutic development (PMID: 19198616). 28869-1-AP is specific for spike protein of SARS-COV-2, that antigen region is 126-264aa.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

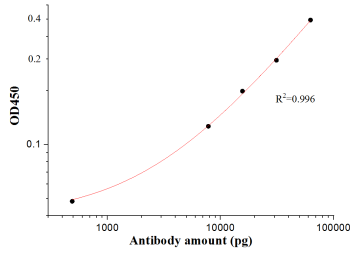
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



SARS-CoV-2 Spike Antibody (28869-1-AP) tested by ELISA. SARS-CoV-2 Spike protein was coated onto microtiter plates at 0.15 µg/well and then incubated with a dilution series of SARS-CoV-2 Spike Antibody (28869-1-AP). Bound antibodies were detected with HRP conjugated anti-Rabbit IgG followed by incubation with HRP Substrate and then measuring the resulting absorbance at 450 nm.