À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-SARS-CoV-2 Nucleocapsid Phosphoprotein

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:80027-1-RR

Informations de base

Numéro de catalogue:
80027-1-RR

Taille:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG30676

Numéro d'acquisition GenBank:
NC_045512

Identification du gène (NCBI):
43740575

Nom complet:
COVID-19 N Protein

Méthode de purification:
Purification par protéine A

CloneNo.:
8C20

Dilutions recommandées:
WB 1:5000-1:50000

Applications

Applications testées:
WB,ELISA

Spécificité de l'espèce:
Virus

Contrôles positifs:

WB : Phosphoprotéine nucléocapside eucaryote, Ag30676

Informations générales

The nucleocapsid (N) protein has multiple functions including formation of nucleocapsids, signal transduction virus budding, RNA replication, and mRNA transcription. N protein is an important antigen for coronavirus, and it is normally highly conserved, with a molecular weight of about 50 kDa. it can be used as a marker in diagnostic assays due to its high immunogenicity (PMID: 32416961, PMID: 32235387). A sandwich ELISA for COVID-19 N Protein can be assembled by using 80027-1-RR as capture antibody and conjugated 80026-1-RR for detection.

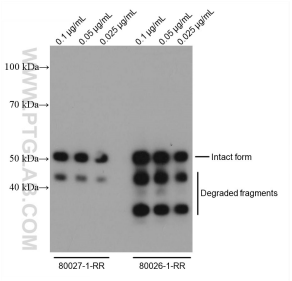
Stockage

Stockage:
Stocker à -20 °C.
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

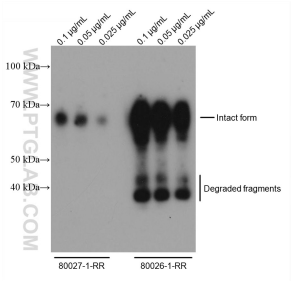
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

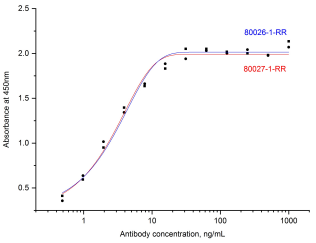
Données de validation sélectionnées



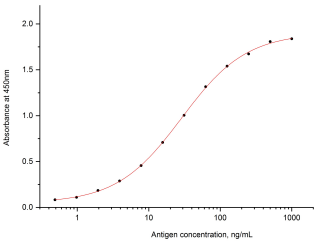
E.coli expressed SARS-CoV-2 Nucleocapsid Phosphoprotein (Cat.NO. Ag30676) was subjected to SDS-PAGE followed by western blot with 80027-1-RR and 80026-1-RR at various work concentration.



Eukaryotic expressed SARS-CoV-2 Nucleocapsid Phosphoprotein was subjected to SDS-PAGE followed by western blot with 80027-1-RR and 80026-1-RR at various work concentration.



Indirect ELISA was carried out by coating eukaryotic expressed N protein at 70 ng/well followed by blocking and adding serial diluted primary antibody 80026-1-RR and 80027-1-RR respectively. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm.



Sandwich ELISA was carried out by coating 80027-1-RR at 80 ng/well followed by blocking and adding different concentration of eukaryotic expressed N protein (0.5-1000 ng/mL). HRP-conjugated80026-1-RR was used at 1 μg/mL for detection. Signal was developed with TMB and stopped by H2SO4 . Signal strength was measured by absorbance at 450 nm.