

Anti-SARS-CoV-2-NSP1 antibody (1-180) (STJ11103222)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	SARS-CoV-2

PRODUCT PROPERTIES

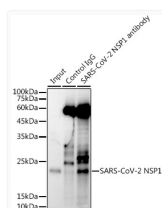
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 141kDa Observed Mw: 20kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

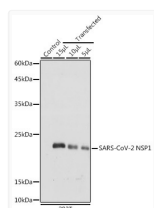
Immunogen Region	1-180
Immunogen Sequence	MESLVPGFNEKTHVOLSLPV LQVRDVLVRGFGDSVEEVLS EARQHLKDGTCGLVEVEKGV LPQLEQPYVFIKRS DARTAP HGHVMVELVAELEGIQYGRS GETLGLVLPVHVG EIPVAYRK VLLRKNGKNGAGGHSYGADL KSFDLGDELGTD PYEDFQEN WNTKHSSGVTRELMRELNGG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of coronavirus NSP1 (YP_009742608.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 600 Mu g extracts of 293T cells using 3 Mu g SARS-CoV-2 NSP1 antibody (STJ11103222). Western blot was performed from the immunoprecipitate using SARS-CoV-2 NSP1 antibody (STJ11103222) at a dilution of 1:1000.



Western blot analysis of extracts of normal 293T cells transfected with NSP1 Protein, using SARS-CoV-2 NSP1 Rabbit polyclonal antibody (STJ11103222) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.