

Anti-HCoV-HKU1 Nucleoprotein antibody (100-200) (STJ11103403)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	HCoV-HKU1

PRODUCT PROPERTIES

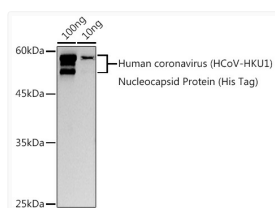
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 49kDa Observed Mw: 50-60kDa
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	100-200
Immunogen Sequence	WYRHSRRSFKTADGQQKQLL PRWYFYLLGTGPYANASYGE SLEGVFWVANHQA DTSTPSD VSSRDPTTQEAIPTRFPPGT ILPQGYVEGSGRSASNSRP G
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of coronavirus Nucleoprotein (YP_173242.1).

ADDITIONAL INFORMATION

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



Western blot analysis of lysates from Human coronavirus (HCoV-HKU1) Nucleocapsid Protein (His Tag), using HCoV-HKU1 Nucleoprotein Rabbit polyclonal antibody (STJ11103403) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.