

Rabbit SARS Polyclonal Antibody | anti-SARS antibody

SARS Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283680	Rabbit	Human (Predicted Reactivity: Bovine, Hamster, Monkey, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

SARS; Polyclonal Antibody; SARS Antibody (C-term); Serine--tRNA ligase; cytoplasmic; Seryl-tRNA synthetase; SerRS; Seryl-tRNA(Ser/Sec) synthetase; SERS; anti-SARS antibody

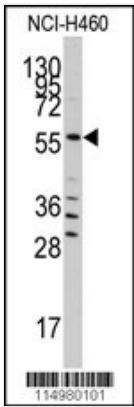
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Hamster, Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 394-422 amino acids from the C-terminal region of human SARS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	394-422
Sequence Length	514
Applicable Applications for anti-SARS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with SARS antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-SARS Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). SARS(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SARS antibody	Seryl-tRNA synthetase belongs to the class II amino-acyl tRNA family. This enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts.
References	Shimada,N., J. Biol. Chem. 276 (50), 46770-46778 (2001) Shah,Z.H., Hum. Mutat. 17 (5), 433-434 (2001) Heckl,M., FEBS Lett. 427 (3), 315-319 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16306548
NCBI GeneID	6301
NCBI Accession #	NP_006504.2
NCBI GenBank Nucleotide #	NM_006513.3
UniProt Accession #	P49591; Q5T5C8; Q9NSE3; B2R6Y9
Molecular Weight	58777
NCBI Official Full Name	serine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	seryl-tRNA synthetase
NCBI Official Symbol	SARS
NCBI Official Synonym Symbols	SERS; SERRS
NCBI Protein Information	serine--tRNA ligase, cytoplasmic
UniProt Protein Name	Serine--tRNA ligase, cytoplasmic
UniProt Gene Name	SARS
UniProt Synonym Gene Names	SERS; SerRS
UniProt Entry Name	SYSC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

