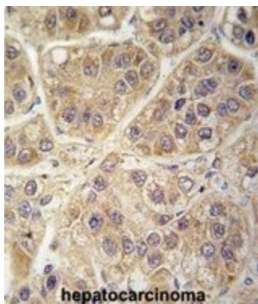


Serine--tRNA Ligase, Mitochondrial (SARS2) Antibody

Catalogue No.: abx033708



WB analysis of HeLa cell lysates.



IHC-P analysis of human hepatocarcinoma tissue, with DAB staining.

SARS2 catalyzes the attachment of serine to tRNA (Ser). It is also able to aminoacylate tRNA (Sec) with serine, to form the misacylated tRNA L-seryl-tRNA (Sec), which will be further converted into selenocysteinyl-tRNA (Sec).

Target: Serine--tRNA Ligase, Mitochondrial (SARS2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 315-344 amino acids from the Central region of human SARS2.

Isotype: IgG

Form: Liquid

Datasheet

Version: 4.0.0
Revision date: 05 Mar 2025



Purification:	Purified by saturated ammonium sulfate (SAS) precipitation followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9NP81 (UniProt , ExPASy)
Gene Symbol:	SARS2
GeneID:	54938
HGNC:	17697
KEGG:	hsa:54938
Ensembl:	ENSG00000104835
String:	9606.ENSP00000472847
Molecular Weight:	Calculated MW: 58.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.