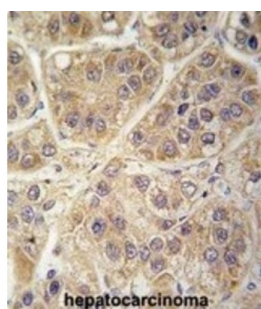


## Serine--tRNA Ligase, Mitochondrial (SARS2) Antibody

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: 15 Aug 2025



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