

## Cysteinyl-tRNA Synthetase 1 (CARS1) Antibody

Catalogue No.: abx340181

CARS Antibody is a Rabbit Polyclonal against CARS.

|                               |                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Cysteinyl-tRNA Synthetase 1 (CARS1)                                                                                                      |
| <b>Clonality:</b>             | Polyclonal                                                                                                                               |
| <b>Reactivity:</b>            | Human                                                                                                                                    |
| <b>Tested Applications:</b>   | ELISA, WB, IHC                                                                                                                           |
| <b>Host:</b>                  | Rabbit                                                                                                                                   |
| <b>Recommended dilutions:</b> | ELISA: 1/20000 - 1/80000, WB: 1/500 - 1/2000, IHC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                                                                             |
| <b>Immunogen:</b>             | Recombinant fragment corresponding to 256-419 AA of human CARS.                                                                          |
| <b>Isotype:</b>               | IgG                                                                                                                                      |
| <b>Form:</b>                  | Lyophilized                                                                                                                              |
| <b>Purification:</b>          | Purified by antigen affinity column chromatography.                                                                                      |
| <b>Reconstitution:</b>        | Reconstitute in 100 µl of sterile distilled H <sub>2</sub> O with 50% glycerol.                                                          |
| <b>Storage:</b>               | Store at -20 °C. Avoid repeated freeze/thaw cycles.                                                                                      |
| <b>UniProt Primary AC:</b>    | P49589 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                              |
| <b>Gene Symbol:</b>           | CARS1                                                                                                                                    |
| <b>GeneID:</b>                | <a href="#">833</a>                                                                                                                      |
| <b>OMIM:</b>                  | <a href="#">123859</a>                                                                                                                   |
| <b>NCBI Accession:</b>        | BC002880                                                                                                                                 |
| <b>HGNC:</b>                  | 1493                                                                                                                                     |

# Datasheet

Version: 3.0.0

Revision date: 29 Sep 2025



**KEGG:** hsa:833

**Ensembl:** ENSG00000110619

**String:** [9606.ENSP00000369897](#)

**Molecular Weight:** Observed MW: 89 kDa

**Buffer:** Prior to lyophilization: 1% BSA and 0.02% NaN<sub>3</sub>.

**Specificity:** Predicted to react with Mouse and Rat CARS.

**Concentration:** Lyophilized form: Not applicable.  
After reconstitution: 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.

For Reference Only