

## Rabbit PARS2 Polyclonal Antibody | anti-PARS2 antibody

PARS2 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175336</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

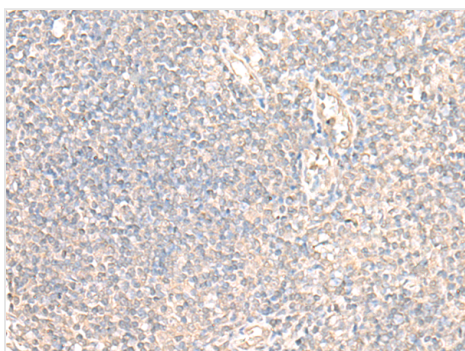
### PRODUCT SYNONYMS

PARS2; Polyclonal Antibody; PARS2 Polyclonal Antibody; DKFZp727A071; EC 6.1.1.15; MGC14416; MGC19467; Mitochondrial; MT-PRORS; Pars2; Probable proline tRNA ligase mitochondrial; Probable prolyl-tRNA synthetase; mitochondrial; Proline tRNA ligase 2; mitochondrial (putative); Proline--tRNA ligase; Prolyl-tRNA synthetase 2; ProRS; SYPM; anti-PARS2 antibody

### PRODUCT SPECIFICATIONS

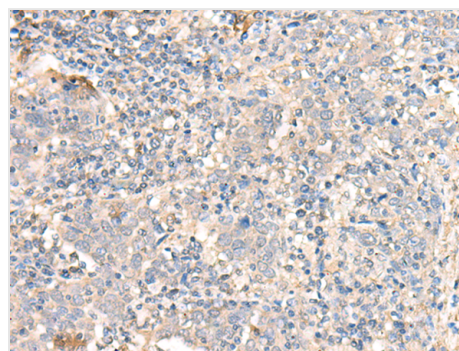
|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human, Mouse, Rat                                       |
| Clonality                                       | Polyclonal                                              |
| Isotype                                         | IgG                                                     |
| Purity/Purification                             | Antigen Affinity Purification                           |
| Form/Format                                     | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                   | 0.96mg/mL (varies by lot)                               |
| Sequence Length                                 | 475                                                     |
| Applicable Applications for anti-PARS2 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                       | Fusion protein of human PARS2                           |
| Conjugation                                     | Unconjugated                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human tonsil tissue using PARS2 Polyclonal Antibody at dilution of 1:30(×200



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PARS2 Polyclonal Antibody at dilution of 1:30(×200

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PARS2 antibody | This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of proline to tRNA molecules. Mutations have been found in this gene in some patients with Alpers syndrome. |
| Product Categories/Family for anti-PARS2 antibody   | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 39644604                                           |
| NCBI GeneID                      | 25973                                              |
| UniProt Accession #              | Q7L3T8                                             |
| NCBI Official Full Name          | Prolyl-tRNA synthetase 2, mitochondrial (putative) |
| NCBI Official Synonym Full Names | prolyl-tRNA synthetase 2, mitochondrial            |
| NCBI Official Symbol             | PARS2                                              |
| NCBI Official Synonym Symbols    | proRS; EIEE75; MT-PRORS                            |
| NCBI Protein Information         | probable proline--tRNA ligase, mitochondrial       |
| UniProt Protein Name             | Probable proline--tRNA ligase, mitochondrial       |
| UniProt Gene Name                | PARS2                                              |
| UniProt Synonym Gene Names       | ProRS                                              |
| UniProt Entry Name               | SYPM_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pars2-antibody-immunohistochemistry-elisa/175336>