

## Rabbit anti-Human TARS Polyclonal Antibody | anti-TARS antibody

TARS Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231402</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

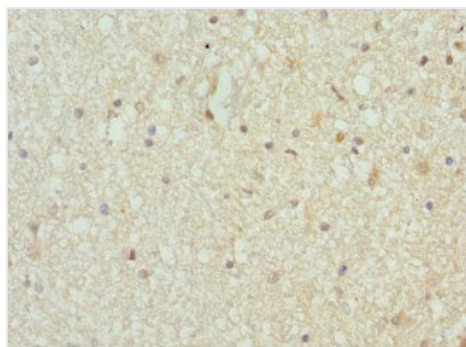
### PRODUCT SYNONYMS

TARS; Polyclonal Antibody; TARS Antibody; Threonine--tRNA ligase; cytoplasmic; Threonyl-tRNA synthetase; ThrRS; anti-TARS antibody

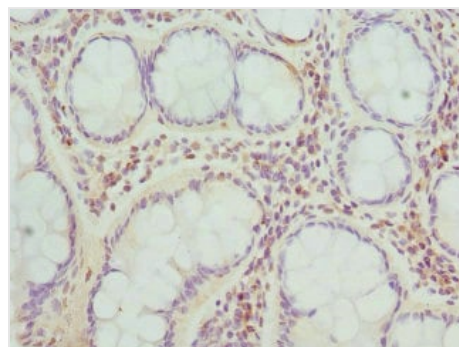
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | Antigen Affinity Purified                                                                                      |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 723                                                                                                            |
| Applicable Applications for anti-TARS antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                        | Human                                                                                                          |
| Immunogen                                      | Recombinant human Threonine--tRNA ligase, cytoplasmic protein (N-230AA)                                        |
| Conjugate                                      | Non-conjugated                                                                                                 |
| Buffer                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79128 / sc-79129 / sc-98543            |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

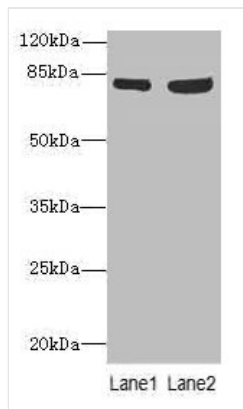
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231402 at dilution 1:100


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human colon cancer using AAA231402 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: TARSantibody at 4.85ug/mlLane 1 : A549 whole cell lysateLane 2 :  
Hela whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted  
band size: 84,87 kDaObserved band size: 83 kDa

### ADDITIONAL INFORMATION

#### Related Product Information for anti-TARS antibody

actin cytoskeleton, cytoplasm, cytosol, extracellular exosome, protein homodimerization activity, RNA binding, threonine-tRNA ligase activity, threonyl-tRNA aminoacylation, translation, tRNA aminoacylation for protein translation

### NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 386642860                                     |
| NCBI GeneID                      | 6897                                          |
| NCBI Accession #                 | NP_001245366.1                                |
| NCBI GenBank Nucleotide #        | NM_001258437.1                                |
| UniProt Accession #              | P26639; Q96FP5; Q9BWA6; A8K8I1; B4DEG8        |
| Molecular Weight                 | 86,861 Da                                     |
| NCBI Official Full Name          | threonine--tRNA ligase, cytoplasmic isoform 1 |
| NCBI Official Synonym Full Names | threonyl-tRNA synthetase                      |
| NCBI Official Symbol             | TARS                                          |
| NCBI Official Synonym Symbols    | ThrRS                                         |
| NCBI Protein Information         | threonine--tRNA ligase, cytoplasmic           |
| UniProt Protein Name             | Threonine--tRNA ligase, cytoplasmic           |
| UniProt Gene Name                | <b>TARS</b>                                   |
| UniProt Synonym Gene Names       | ThrRS                                         |
| UniProt Entry Name               | SYTC_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://stage.aaabiotech.com/polyclonal/tars-antibody-immunohistochemistry-western-blot-elisa/231402>