

**HARS Antibody (aa460-509)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15751****Specification**

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**HARS Antibody (aa460-509) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF                     |
| Primary Accession | <a href="#">P12081</a> |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 57kDa KDa              |

**HARS Antibody (aa460-509) - Additional Information****Gene ID** 3035**Other Names**

Histidine--tRNA ligase, cytoplasmic, 6.1.1.21, Histidyl-tRNA synthetase, HisRS, HARS, HRS

**Target/Specificity**

HARS Antibody detects endogenous levels of total HARS protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

HARS Antibody (aa460-509) is for research use only and not for use in diagnostic or therapeutic procedures.

**HARS Antibody (aa460-509) - Protein Information****Name** HARS1 ([HGNC:4816](#))**Synonyms** HARS, HRS**Function**

Catalyzes the ATP-dependent ligation of histidine to the 3'- end of its cognate tRNA, via the formation of an aminoacyl-adenylate intermediate (His-AMP) (PubMed:<a href="http://www.uniprot.org/citations/29235198" target="\_blank">29235198</a>). Plays a role in axon guidance (PubMed:<a href="http://www.uniprot.org/citations/26072516" target="\_blank">26072516</a>).

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:F1Q5D5}.

**Tissue Location**

Brain, heart, liver and kidney.

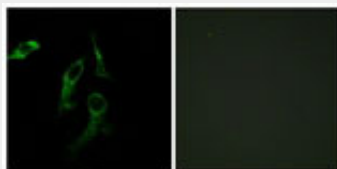
**Volume**  
50 µl

### **HARS Antibody (aa460-509) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **HARS Antibody (aa460-509) - Images**



Immunofluorescence of HepG2/HeLa cells, using HARS Antibody.

### **HARS Antibody (aa460-509) - References**

Raben N., et al. Nucleic Acids Res. 20:1075-1081(1992).  
Tsui F.W.L., et al. Nucleic Acids Res. 15:3349-3367(1987).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Totoki Y., et al. Submitted (JUL-2006) to the EMBL/GenBank/DDBJ databases.  
Schmutz J., et al. Nature 431:268-274(2004).