

**Product Name: HARS (1F7) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe11900**



## Summary

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Production Name</b> | HARS (1F7) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal Antibody            |
| <b>Host</b>            | Rabbit                                |
| <b>Application</b>     | WB                                    |
| <b>Reactivity</b>      | Human                                 |

## Performance

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                 |
| <b>Modification</b> | Unmodified                                                                                                   |
| <b>Isotype</b>      | IgG                                                                                                          |
| <b>Clonality</b>    | Monoclonal                                                                                                   |
| <b>Form</b>         | Liquid                                                                                                       |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                     |
| <b>Buffer</b>       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA. |
| <b>Purification</b> | Affinity purification                                                                                        |

## Immunogen

|                          |                                               |
|--------------------------|-----------------------------------------------|
| <b>Gene Name</b>         | HARS1                                         |
| <b>Alternative Names</b> | HARS; HisRS; histidine translase; HRS; USH3B; |
| <b>Gene ID</b>           | 3035.0                                        |
| <b>SwissProt ID</b>      | P12081.A synthetic peptide of human HARS      |

## Application

|                         |                   |
|-------------------------|-------------------|
| <b>Dilution Ratio</b>   | WB: 1:1000-1:5000 |
| <b>Molecular Weight</b> | 57kDa             |

## Background

Plays a role in axon guidance. Catalyzes the ATP-dependent ligation of histidine to the 3'- end of its cognate tRNA, via the

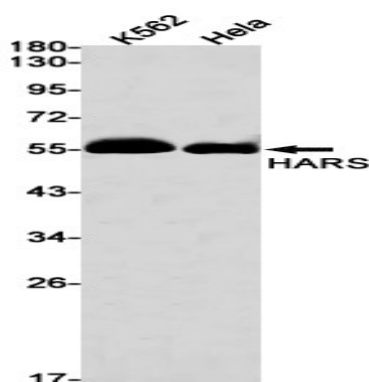
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formation of an aminoacyl-adenylate intermediate (His-AMP) (PubMed:<a href="http://www.uniprot.org/citations/29235198" target="\_blank">29235198</a>). Plays a role in axon guidance (PubMed:<a href="http://www.uniprot.org/citations/26072516" target="\_blank">26072516</a>).

## Research Area

## Image Data



Western blot detection of HARS in K562,HeLa cell lysates using HARS antibody(1:1000 diluted).

## Note

For research use only.