

HARS Antibody
Rabbit mAb
Catalog # AP92799**Specification**

HARS Antibody - Product Information

Application	WB, IHC
Primary Accession	P12081
Clonality	Monoclonal
Other Names	
HARS; HisRS; histidine transase; HRS; USH3B;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	57411 Da

HARS Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HARS
Description	Plays a role in axon guidance.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

HARS Antibody - 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:29235198). Plays a role in axon guidance (PubMed:26072516).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:F1Q5D5}.

Tissue Location

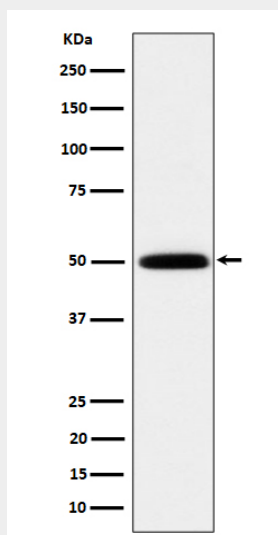
Brain, heart, liver and kidney.

HARS Antibody - 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 - Images



Western blot analysis of HARS expression in 293T cell lysate.