

HisRS Polyclonal Antibody
Catalog # AP70322**Specification**

HisRS Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P12081
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

HisRS Polyclonal Antibody - Additional Information**Gene ID** 3035**Other Names**

HARS; HRS; Histidine--tRNA ligase; cytoplasmic; Histidyl-tRNA synthetase; HisRS

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

HisRS Polyclonal 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

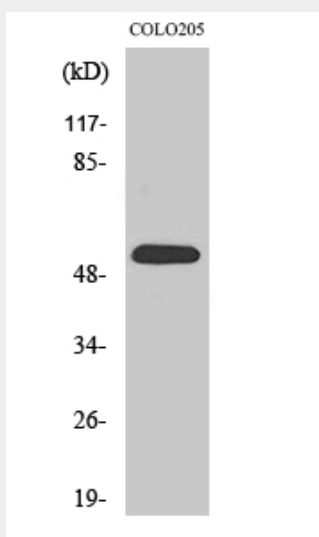
Brain, heart, liver and kidney.

HisRS Polyclonal 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](#)

HisRS Polyclonal Antibody - Images



Western Blot analysis of various cells using HisRS Polyclonal Antibody diluted at 1:2000

HisRS Polyclonal Antibody - Background

Cytoplasmic histidine--tRNA ligase (Probable). Plays a role in axon guidance.