

# HisRS Polyclonal Antibody

Catalog # AP70322

## Product Information

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<b>Application</b>	WB, IHC-P, IF
<b>Primary Accession</b>	<a href="#">P12081</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	57411

## Additional Information

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<b>Gene ID</b>	3035
<b>Other Names</b>	HARS; HRS; Histidine--tRNA ligase; cytoplasmic; Histidyl-tRNA synthetase; HisRS
<b>Dilution</b>	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
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	HARS1 ( <a href="#">HGNC:4816</a> )
<b>Synonyms</b>	HARS, HRS
<b>Function</b>	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="#">29235198</a> ). Plays a role in axon guidance (PubMed: <a href="#">26072516</a> ).
<b>Cellular Location</b>	Cytoplasm {ECO:0000250 UniProtKB:F1Q5D5}.
<b>Tissue Location</b>	Brain, heart, liver and kidney.

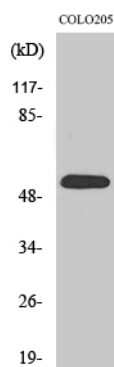
## Background

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

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.