

# HARS Rabbit mAb

Catalog # AP75526

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P12081</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	57411

## Additional Information

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<b>Gene ID</b>	3035
<b>Other Names</b>	HARS1
<b>Dilution</b>	WB~~1:1000-1:5000 IHC-P~~N/A
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## 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

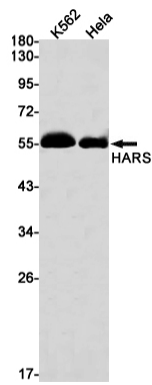
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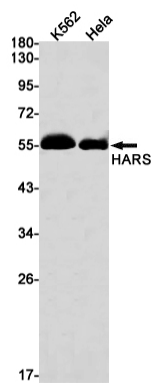
aminoacyl-adenylate intermediate (His-AMP). Plays a role in axon guidance.

## Images

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Western blot analysis of HARS in K562, HeLa lysates using HARS antibody.



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