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HARS Rabbit mAb

Catalog # AP75526

Product Information

Application	WB, IHC-P
Primary Accession	P12081
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	57411

Additional Information

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

Protein Information

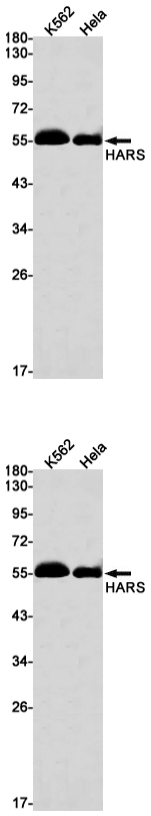
Name	HARS1 (HGNC:4816)
Synonyms	HARS, HRS
Function	Catalyzes the ATP-dependent ligation of histidine to the 3'- end of its cognate tRNA, via the formation of an aminoacyl-adenylate intermediate (His-AMP) (PubMed:29235198). Plays a role in axon guidance (PubMed:26072516).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:F1Q5D5}.
Tissue Location	Brain, heart, liver and kidney.

Background

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). Plays a role in axon guidance.

Images



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'.