

HARS Antibody

Rabbit mAb

Catalog # AP92799

Product Information

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

Additional Information

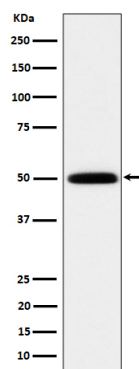
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HARS
Description	Plays a role in axon guidance.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images

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



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