

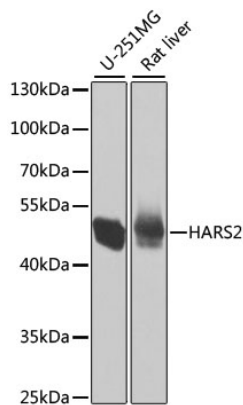


Product name:	HARS2 Rabbit Polyclonal Antibody
Cat number:	AB7785
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	HO3; HARSL; HARSR; HisRS; PRLTS2; HARS2
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	Recombinant protein. This information is considered to be commercially sensitive.
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500 - 1:2000 ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	50kDa
Purification:	Affinity purification
Background:	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is an enzyme belonging to the class II family of aminoacyl-tRNA synthetases. Functioning in the synthesis of histidyl-transfer RNA, the enzyme plays an accessory role in the regulation of protein biosynthesis. The gene is located in a head-to-head orientation with HARS on chromosome five, where the homologous genes likely share a bidirectional promoter. Mutations in this gene are associated with the pathogenesis of Perrault syndrome, which involves ovarian dysgenesis and sensorineural hearing loss. Alternative splicing results in multiple transcript variants of this gene.
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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Western blot analysis of various lysates
using HARS2 Rabbit pAb at 1:1000
dilution. Secondary antibody:
HRP-conjugated Goat anti-Rabbit IgG
(H+L) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in
TBST. Detection: ECL West Pico Plus.
Exposure time: 5s.

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