

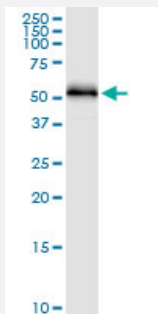
MaxPab®

HARS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003035-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of HARS transfected lysate using anti-HARS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HARS MaxPab mouse polyclonal antibody (B01) ([H00003035-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HARS protein.

Immunogen

HARS (NP_002100.2, 1 a.a. ~ 509 a.a) full-length human protein.

Sequence

MAERAALVLLQGERVRLKQKASAELEEEVAKLLKLKAQLGPDESKQKFLKTPKGTRD
YSPRQMAVREKVFVDVIRCFKRHGAVIDTPVFELKETLMGKYGEDSKLYDLKDQGGELLRLRYDL
TVPFARYLAMNKL TNIKRYHIAKVYRRDNPAMTRGRYREFYQCDFDIAGNFDPMIPDAECLKIMCEIL
SSLQIGDFLVKVNDRRLDGMFAICGVSDSKFRTICSSVDKLDKVSWEVKNEMVGEKGLAPEVA
DRIGDYVQQHGGVSLVEQLLQDPKLSQNKQALEGLGDLKLLFEYLTFGIDDKISFDLSLARGLDY
YTGVIYEAVLLQTPAQAGEEPLGVGSVAAGGRYDGLVGMFDPKGRKVPCVGLSIGVERIFSIVEQR
LEALEEKIRTTETQVLVASAQKKLLEERLKLSELWDAGIKAEELLYKKNPKLLNQLQYCEEAGIPLV
AIGEQLKDGVIKLRSVTSREEVDVRREDLVEEIKRRTGQPLCIC

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

Immunoprecipitation of HARS transfected lysate using anti-HARS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HARS MaxPab mouse polyclonal antibody (B01) ([H00003035-B01](#)).

[Protocol Download](#)

Gene Info — HARS

Entrez GeneID	3035
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GeneBank Accession#	NM_002109
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Protein Accession#	NP_002100.2
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Gene Name	HARS
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Gene Alias	FLJ20491, HRS
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Gene Description	histidyl-tRNA synthetase
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Omim ID	142810
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Gene Ontology	Hyperlink
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Gene Summary	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is a cytoplasmic enzyme which belongs to the class II family of aminoacyl-tRNA synthetases. The enzyme is responsible for the synthesis of histidyl-transfer RNA, which is essential for the incorporation of histidine into proteins. The gene is located in a head-to-head orientation with HARSL on chromosome five, where the homologous genes share a bidirectional promoter. The gene product is a frequent target of autoantibodies in the human autoimmune disease polymyositis/dermatomyositis. [provided by RefSeq]
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Other Designations	HisRS histidine tRNA ligase 1, cytoplasmic histidine transylase histidine-tRNA ligase
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Pathway

- [Aminoacyl-tRNA biosynthesis](#)