

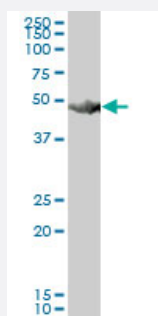
MaxPab®

HARS MaxPab mouse polyclonal antibody (B01)

Catalog # H00003035-B01

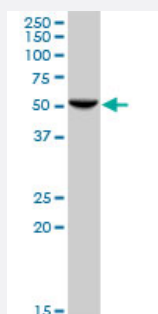
Size 50 uL

Applications



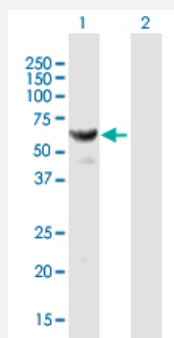
Western Blot (Tissue lysate)

HARS MaxPab polyclonal antibody. Western Blot analysis of HARS expression in human liver.



Western Blot (Cell lysate)

HARS MaxPab polyclonal antibody. Western Blot analysis of HARS expression in HeLa.

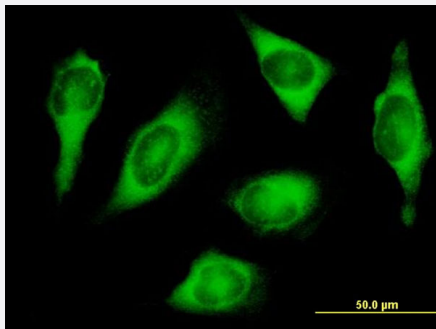


Western Blot (Transfected lysate)

Western Blot analysis of HARS expression in transfected 293T cell line ([H00003035-T01](#)) by HARS MaxPab polyclonal antibody.

Lane 1: HARS transfected lysate(55.99 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HARS on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse 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	MAERAALEELVKLQGERVRGLKQQKASAELIEEEVAKLLKLKAQLGPDESKQKFVLKTPKGTRD YSPRQMAVREKVFDVIRCFKRHGAVIDTPVFELKETLMGKYGEDSKLIYDLKDQGGELLRLRYDL TVPFARYLAMNKL TNIKRYHIKVYRRDNPAMTRGRYREFYQCDFDIAGNFDPMIPDAECLKIMCEIL SSLQIGDFLVKVNDRRILDGMFAICGVSDSKFRTICSSVDKLDKVSWEVKNEMVGEKGLAPEVA DRIGDYVQQHGGVSLVEQLLQDPKLSQNKQALEGLGDLKLLFEYLTGIDDKISFDLSLARGLDY YTGVIYEAVLLQTPAQAGEEPLGVGSVAAGGRYDGLVGMFDPKGRKVPCVGLSIGVERIFSVEQR LEALEEKIRTETQVLVASAQKKLLEERLKLSELWDAGIKAELLYKKNPKLLNQLQYCEEAGIPLV AIIGEQELKDGVILRSVTSREEVDVRREDLVEEIKRRTGQPLCIC
Host	Mouse
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.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

HARS MaxPab polyclonal antibody. Western Blot analysis of HARS expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

HARS MaxPab polyclonal antibody. Western Blot analysis of HARS expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of HARS expression in transfected 293T cell line ([H00003035-T01](#)) by HARS MaxPab polyclonal antibody.

Lane 1: HARS transfected lysate(55.99 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HARS on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — HARS

Entrez GeneID [3035](#)

GeneBank Accession# [NM_002109.3](#)

Protein Accession# [NP_002100.2](#)

Gene Name HARS

Gene Alias FLJ20491, HRS

Gene Description histidyl-tRNA synthetase

Omim ID [142810](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations HisRS|histidine tRNA ligase 1, cytoplasmic|histidine translase|histidine-tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)