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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

HARS polyclonal antibody (A01)

Catalog # : H00003035-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant HARS.

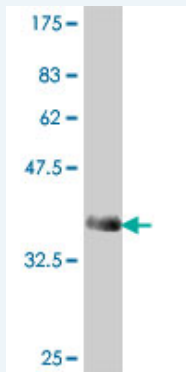
Immunogen: HARS (NP_002100, 1 a.a. ~ 96 a.a) partial recombinant protein with GST tag.

Sequence: MAERAAL EELVKLQGERV RGLKQQKASAE LIEEEVAKLLK LKAQLGPDE SKQKFV LKTPKGTRDYS PRQMAVREKVF DVIIRCFKRHGAEVIDTPV

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.67 KDa) .

Storage Buffer: 50 % glycerol

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

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

1. [New mortalin and histidyl tRNA synthetase isoforms point out a pitfall in proteomic analysis of Egr1 genetically modified mice.](#)
Chardonnet S, Decottignies P, Amar L, Le Caer JP, Davis S, Laroche S, Le Marechal P. Proteomics. 2007 Jan;7(2):289-98.

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Application Image

Western Blot (Recombinant protein)

ELISA

Gene Information

Entrez GeneID: [3035](#)

**GeneBank
Accession#:** [NM_002109](#)

**Protein
Accession#:** [NP_002100](#)

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 HARS1 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 transase,histidine-tRNA ligase

Gene Pathway

[Aminoacyl-tRNA biosynthesis](#)

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