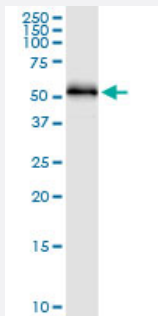


HARS (Human) IP-WB Antibody Pair

Catalog # H00003035-PW1

Size 1 Set

Applications



Immunoprecipitation of HARS transfected lysate using rabbit polyclonal anti-HARS and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-HARS.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of HARS transfected lysate using rabbit polyclonal anti-HARS and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-HARS.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-HARS (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-HARS (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — HARS

Entrez GeneID [3035](#)**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 transylase|histidine-tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)