

HisRS Polyclonal Antibody

Cat #:ABP51516

Lot #: Refer to product label

Rabbit Anti-HisRS Polyclonal Antibody

Product Information

Product name	HisRS Polyclonal Antibody
Immunogen	Synthesized peptide derived from the C-terminal region of human HisRS at AA range: 430-510
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC-p, WB
Application notes	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:20000). Not yet tested in other applications..
Clonality	Polyclonal
Isotype	Rabbit IgG

Specification

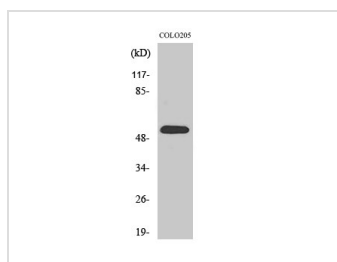


Fig. Western Blot analysis of various cells using HisRS Polyclonal Antibody diluted at 1:2000.

Product Properties

Concentration	1 mg/ml
Storage buffer	PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Storage instructions	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
Shipping	Gel pack with blue ice.
Precautions	The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

Additional Information

Background	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Histidine--tRNA ligase cytoplasmic encoded by HARS 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. Several transcript variants encoding different isoforms have been found for HARS.
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Gene ID	3035
Alternative names	HARS; HRS; Histidine--tRNA ligase; cytoplasmic; Histidyl-tRNA synthetase; HisRS
Others	HisRS Polyclonal Antibody detects endogenous levels of HisRS protein.
Accession	P12081

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