



HisRS Polyclonal Antibody

Cat No: HR1AP3626

For research use only

Overview

Product Name	HisRS Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	60kDa
GenelD?Human?	HARS
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	HARS; HRS; Histidine--tRNA ligase; cytoplasmic; Histidyl-tRNA synthetase; HisRS
Background	histidyl-tRNA synthetase(HARS) Homo sapiens 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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012].