



IARS2 Polyclonal Antibody

Cat No: HR1AP3699

For research use only

Overview

Product Name	IARS2 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse,Monkey
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	114kDa
GenID?Human?	IARS2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	IARS2; Isoleucine--tRNA ligase; mitochondrial; Isoleucyl-tRNA synthetase; IleRS
Background	isoleucyl-tRNA synthetase 2, mitochondrial(IARS2) Homo sapiens Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of isoleucine-tRNA synthetase exist, a cytoplasmic form and a mitochondrial form. This gene encodes the mitochondrial isoleucine-tRNA synthetase which belongs to the class-I aminoacyl-tRNA synthetase family. [provided by RefSeq, Dec 2014].