

## IARS

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:1000

**Calculated MW:**144kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human IARS

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:**A10190

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3376

**Isotype:**IgG

**Swiss Prot:**P41252

**Purity:**Affinity purification

For research use only.

**Background:**

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. Isoleucine-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family and has been identified as a target of autoantibodies in the autoimmune disease polymyositis/dermatomyositis. Alternatively spliced transcript variants have been found. [provided by RefSeq, Nov 2012]

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