

For Research Use Only

RARS Polyclonal antibody

Catalog Number: 14757-1-AP



Basic Information

Catalog Number:

14757-1-AP

Size:

270 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6617

GenBank Accession Number:

BC000528

GeneID (NCBI):

5917

UNIPROT ID:

P54136

Full Name:

arginyl-tRNA synthetase

Calculated MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

IP: MCF-7 cells,

Background Information

RARS, also named ArgRS (arginyl-tRNA synthetase), belongs to the class-I aminoacyl-tRNA synthetase family which catalyze the aminoacylation of tRNA by their cognate amino acid. In higher eukaryotes, one of the two arginyl-tRNA synthetases (ArgRSs) has evolved to have an extended N-terminal domain that plays a crucial role in protein synthesis and cell growth and in integration into the multisynthetase complex (MSC) (PMID:25288775). RARS has two isoforms with the molecular weight of 75 and 67 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data