

Rabbit anti-Human RARS Polyclonal Antibody | anti-RARS antibody

Rabbit anti-RARS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212908	Rabbit	Human	Immunoprecipitation, Western Blot

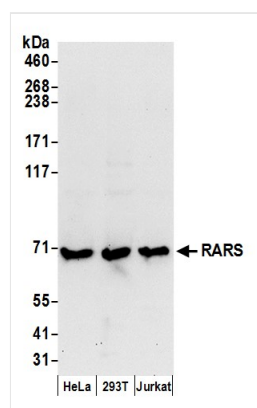
PRODUCT SYNONYMS

RARS; Polyclonal Antibody; Rabbit anti-RARS Antibody; Affinity Purified; Arginyl-tRNA synthetase; DALRD1; HLD9; arginine--tRNA ligase; cytoplasmic; arginine tRNA ligase 1; ArgRS; arginyl-tRNA synthetase; Arginine--tRNA ligase; anti-RARS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RARS antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

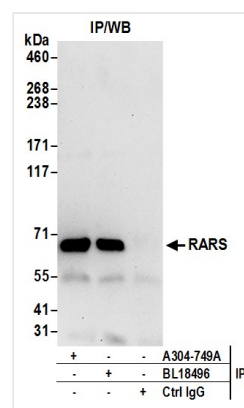
IMAGES



WB (Western Blot)

Detection of human RARS by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RARS antibody AAA212908 (lot AAA212908-1) used for WB at 0.1 ug/ml.

Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RARS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RARS antibody AAA212908 (lot AAA212908-1) used for IP at 6 ug per reaction. RARS was also immunoprecipitated by rabbit anti-RARS antibody BL18496. For blotting immunoprecipitated RARS, AAA212908 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RARS antibody	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. Arginyl-tRNA (RARS) synthetase belongs to the class-I aminoacyl-tRNA synthetase family [taken from NCBI Entrez Gene (Gene ID: 5917)].
Product Categories/Family for anti-RARS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	15149476
NCBI GeneID	5917
NCBI Accession #	NP_002878.2
NCBI GenBank Nucleotide #	NM_002887.3
UniProt Accession #	P54136; Q53GY4; Q9BWA1; B2RBS9
Molecular Weight	67,140 Da
NCBI Official Full Name	arginine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	arginyl-tRNA synthetase
NCBI Official Symbol	RARS
NCBI Official Synonym Symbols	HLD9; ArgRS; DALRD1
NCBI Protein Information	arginine--tRNA ligase, cytoplasmic
UniProt Protein Name	Arginine--tRNA ligase, cytoplasmic
UniProt Gene Name	RARS
UniProt Synonym Gene Names	ArgRS
UniProt Entry Name	SYRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rars-antibody-immunoprecipitation-western-blot-elisa/212908>