

Rabbit anti-Human, Mouse Aspartyl-tRNA Synthetase/DARS Polyclonal Antibody | anti-DARS antibody

Rabbit anti-Aspartyl-tRNA Synthetase/DARS Antibody, Affinity Purified

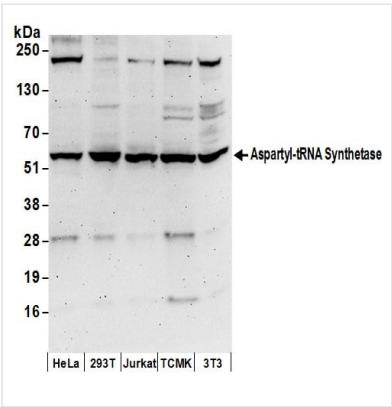
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212944	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Aspartyl-tRNA Synthetase/DARS; Polyclonal Antibody; Rabbit anti-Aspartyl-tRNA Synthetase/DARS Antibody; Affinity Purified; aspRS; testicular tissue protein Li 192; cell proliferation-inducing gene 40 protein; aspartyl-tRNA synthetase; cytoplasmic; Aspartyl-tRNA synthetase; aspartate--tRNA ligase; aspartate tRNA ligase 1; HBSL; Aspartate--tRNA ligase; anti-DARS antibody

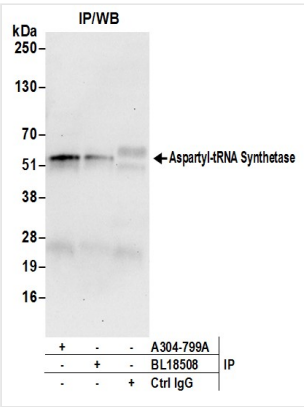
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-DARS antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse Aspartyl-tRNA Synthetase by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Aspartyl-tRNA Synthetase antibody AAA212944 (lot AAA212944-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Aspartyl-tRNA Synthetase 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-Aspartyl-tRNA Synthetase antibody AAA212944 (lot AAA212944-1) used for IP at 6 ug per reaction. Aspartyl-tRNA Synthetase was also immunoprecipitated by rabbit anti-Aspartyl-tRNA Synthetase antibody BL18508. For blotting immunoprecipitated Aspartyl-tRNA Synthetase, AAA212944 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DARS antibody	Aspartyl-tRNA Synthetase/DARS catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P14868].
Product Categories/Family for anti-DARS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45439306
NCBI GeneID	1615
NCBI Accession #	NP_001340.2
NCBI GenBank Nucleotide #	NM_001349.3
UniProt Accession #	P14868; Q2TNI3; Q32Q69; Q53HV4; Q53YC5; Q68CR9; Q9BW52; A8K3J2; D3DP77
Molecular Weight	45,771 Da
NCBI Official Full Name	aspartate--tRNA ligase, cytoplasmic isoform 1
NCBI Official Synonym Full Names	aspartyl-tRNA synthetase
NCBI Official Symbol	DARS
NCBI Official Synonym Symbols	HBSL; aspRS
NCBI Protein Information	aspartate--tRNA ligase, cytoplasmic; aspartate tRNA ligase 1, cytoplasmic; aspartyl-tRNA synthetase, cytoplasmic; cell proliferation-inducing gene 40 protein
UniProt Protein Name	Aspartate--tRNA ligase, cytoplasmic
UniProt Gene Name	DARS
UniProt Synonym Gene Names	AspRS
UniProt Entry Name	SYDC_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aspartyl-trna-synthetase-dars-antibody-immunoprecipitation-western-blot-elisa/212944>