

Rabbit anti-Human, Mouse LARS Polyclonal Antibody | anti-LARS antibody

Rabbit anti-LARS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212616	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

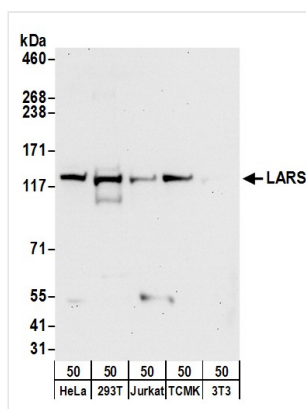
PRODUCT SYNONYMS

LARS; Polyclonal Antibody; Rabbit anti-LARS Antibody; Affinity Purified; ILFS1; Leucyl-tRNA synthetase; RNTLS; proliferation-inducing gene 44; PIG44; LRS; LFIS; LEUS; LEURS; leucine--tRNA ligase; cytoplasmic; leucine tRNA ligase 1; LARS1; HSPC192; hr025Cl; cytosolic leucyl-tRNA synthetase; cytoplasmic leucyl-tRNA synthetase; leucine transase; Leucine--tRNA ligase; leucyl-tRNA synthetase; anti-LARS antibody

PRODUCT SPECIFICATIONS

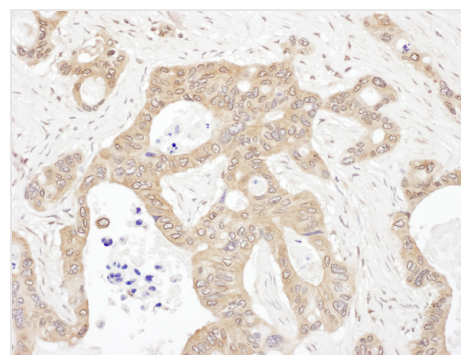
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-LARS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 250 and 300
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 and mouse LARS by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-LARS antibody AAA212616 (lot AAA212616-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human LARS by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-ARNT (Cat. No. AAA212616 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-LARS antibody	Leucyl-tRNA synthetase (LARS) catalyzes the specific attachment of an amino acid to its cognate tRNA in a two 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. LARS exhibits a post-transfer editing activity to hydrolyze mischarged tRNAs [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9P2J5].
Product Categories/Family for anti-LARS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	108773810
NCBI GeneID	51520
NCBI Accession #	NP_064502.9
NCBI GenBank Nucleotide #	NM_020117.9
UniProt Accession #	Q9P2J5 ; Q9NSE1 ; A7E266
Molecular Weight	134,466 Da
NCBI Official Full Name	leucine--tRNA ligase, cytoplasmic
NCBI Official Synonym Full Names	leucyl-tRNA synthetase
NCBI Official Symbol	LARS
NCBI Official Synonym Symbols	LRS; LEUS; LARS1; LEURS; PIG44; RNTLS; HSPC192; hr025Cl
NCBI Protein Information	leucine--tRNA ligase, cytoplasmic; leucine translase; leucine-tRNA ligase; proliferation-inducing gene 44; cytosolic leucyl-tRNA synthetase; cytoplasmic leucyl-tRNA synthetase; leucine tRNA ligase 1, cytoplasmic; leucyl-tRNA synthetase, cytoplasmic
UniProt Protein Name	Leucine--tRNA ligase, cytoplasmic
UniProt Gene Name	LARS
UniProt Synonym Gene Names	KIAA1352; LeuRS
UniProt Entry Name	SYLC_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/lars-antibody-immunohistochemistry-western-blot-elisa/212616>