

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

LARS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178987	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

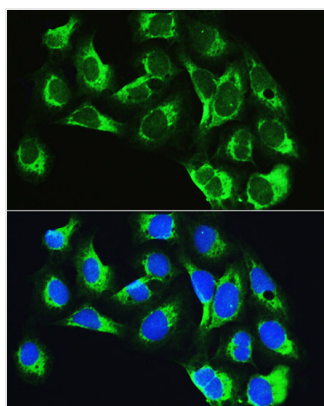
PRODUCT SYNONYMS

LARS; Polyclonal Antibody; LARS Polyclonal Antibody; HSPC192; ILFS1; LARS1; LEURS; LEUS; LFIS; LRS; PIG44; RNTLS; hr025Cl; anti-LARS antibody

PRODUCT SPECIFICATIONS

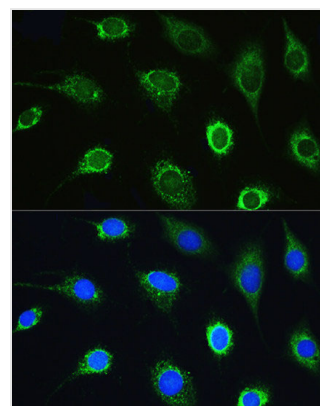
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-LARS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human LARS
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



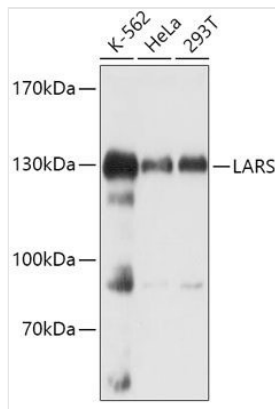
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using LARS Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using LARS Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines using LARS Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-LARS antibody	This gene encodes a cytosolic leucine-tRNA synthetase, a member of the class I aminoacyl-tRNA synthetase family. The encoded enzyme catalyzes the ATP-dependent ligation of L-leucine to tRNA(Leu). It is found in the cytoplasm as part of a multisynthetase complex and interacts with the arginine tRNA synthetase through its C-terminal domain. A mutation in this gene was found in affected individuals with infantile liver failure syndrome 1. Alternatively spliced transcript variants of this gene have been observed.
Product Categories/Family for anti-LARS antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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 transase; 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.

