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Datasheet for ABIN7467107
anti-LARS antibody (C-Term)

Overview

Quantity:	100 µL
Target:	LARS
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LARS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human LARS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	LARS
Alternative Name:	leucyl-tRNA synthetase (LARS Products)
Background:	Leucyl-tRNA synthetase , HSPC192 , ILFS1 , LARS1 , LEURS , LEUS , LFIS , LRS , PIG44 , RNTLS ,

Target Details

hr025Cl, 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. Alternatively spliced transcript variants of this gene have been found, however, their full-length nature is not known.
[provided by RefSeq]

Molecular Weight: 134 kDa

Gene ID: 51520

UniProt: [Q9P2J5](#)

Pathways: [EGFR Signaling Pathway](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: NT2D1 , PC-3 , U87-MG , SK-N-SH

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.65 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.