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LARS (N1) Antibody, Rabbit Polyclonal

Cat#: R2456-1

Quantity: 100 ul

Predicted | Observed M.W.: 134 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9P2J5

Background:

Leucine--tRNA ligase, cytoplasmic (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.

Other Names:

Leucine--tRNA ligase, cytoplasmic, Leucyl-tRNA synthetase, LeuRS

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human LARS. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

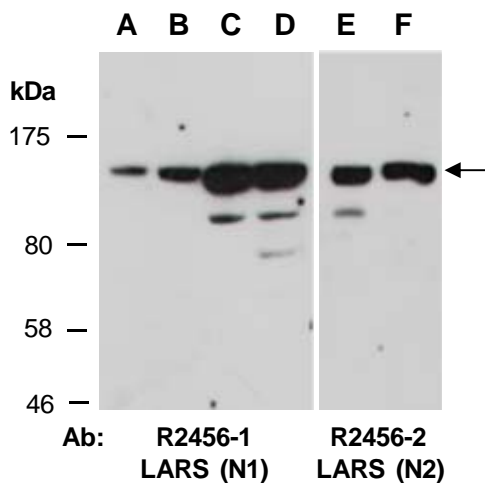


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, C, E) human HeLa, D, F) human Jurkat; using 2 independent Abs against 2 distinct regions of human LARS at RT for 2 h.