Order: (888)-282-5810 (Phone)
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TARS (N1) Antibody, Rabbit Polyclonal

Cat#: R3007-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted I Observed M.W.: 83 I 120 kDa

Uniprot ID: P26639

Background:

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Threonyl-tRNA synthetase (TARS) belongs to the class-II aminoacyl-tRNA synthetase family.

Other Names:

Threonine--tRNA ligase, cytoplasmic, Threonyl-tRNA synthetase, ThrRS

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TARS. 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% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

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.

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Product Data:

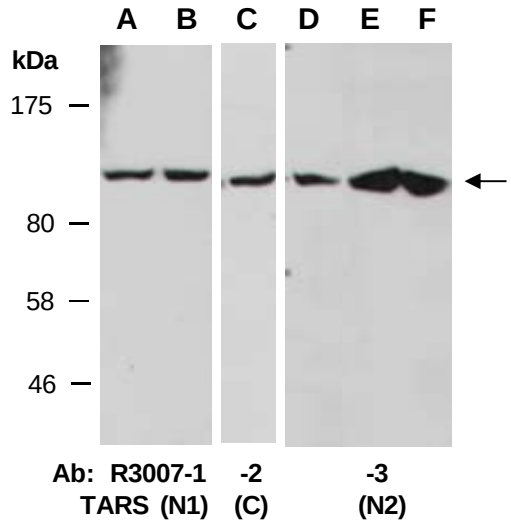

Fig 1. *Western blot of total cell extracts from A, E) human HeLa, B, C, F) human Jurkat, D) mouse brain; using 3 independent Abs against 3 distinct regions of human TARSat RT for 2 h.*

For research use only. Not for therapeutic or diagnostic purposes.