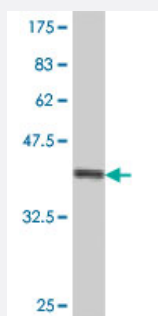


TARS polyclonal antibody (A01)

Catalog # H00006897-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TARS.
Immunogen	TARS (NP_689508, 44 a.a. ~ 143 a.a) partial recombinant protein with GST tag.
Sequence	RAELNPWPEYYTRLEMYNLIKAEHDSILAEKAEKDSKPIKVTLPDGKQVDAESWKTPYQIACGIS QGLADNTVIKVNNVVWDLDRPLEEDCTLELLK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TARS

Entrez GeneID [6897](#)

GeneBank Accession# [NM_152295](#)

Protein Accession# [NP_689508](#)

Gene Name TARS

Gene Alias MGC9344, ThrRS

Gene Description threonyl-tRNA synthetase

Omim ID [187790](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 belongs to the class-II aminoacyl-tRNA synthetase family [provided by RefSeq]

Other Designations threonine tRNA ligase 1, cytoplasmic|threonine--tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)