

ARG59950 anti-TARS / ThrRS antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TARS / ThrRS
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TARS / ThrRS
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-230 of Human TARS (NP_689508.3).
Conjugation	Un-conjugated
Alternate Names	Threonyl-tRNA synthetase; Threonine--tRNA ligase, cytoplasmic; ThrRS; EC 6.1.1.3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NCI-H460	
Observed Size	83 kDa	

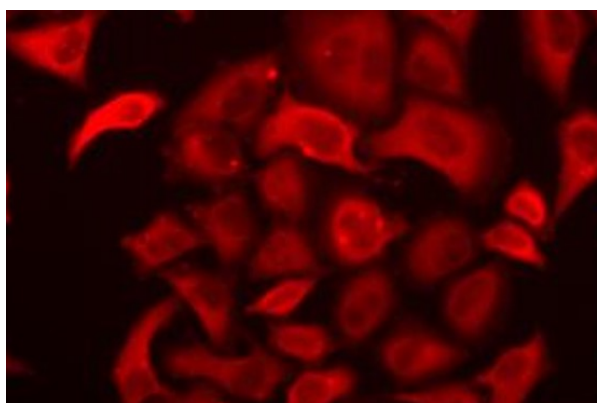
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

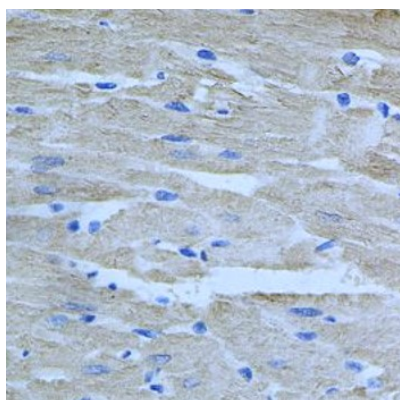
Gene Symbol	TARS
Gene Full Name	threonyl-tRNA synthetase
Background	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Threonyl-tRNA synthetase belongs to the class-II aminoacyl-tRNA synthetase family [provided by RefSeq, Jul 2008]
Calculated Mw	83 kDa
PTM	ISGylated. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



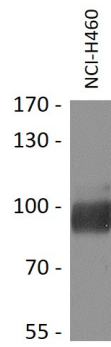
ARG59950 anti-TARS / ThrRS antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG59950 anti-TARS / ThrRS antibody.



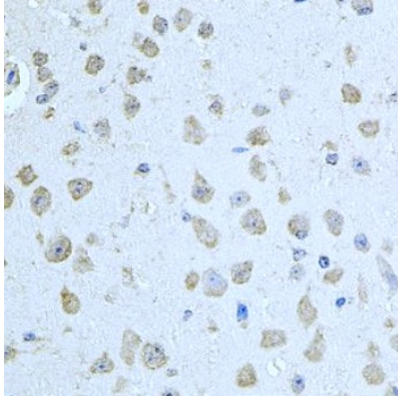
ARG59950 anti-TARS / ThrRS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat heart stained with ARG59950 anti-TARS / ThrRS antibody at 1:100 dilution.



ARG59950 anti-TARS / ThrRS antibody WB image

Western blot: 25 µg of NCI-H460 cell lysate stained with ARG59950 anti-TARS / ThrRS antibody at 1:1000 dilution.



ARG59950 anti-TARS / ThrRS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain stained with ARG59950 anti-TARS / ThrRS antibody at 1:100 dilution.