

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.

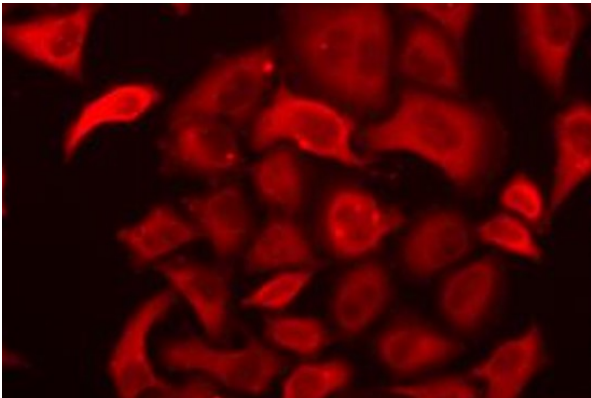
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

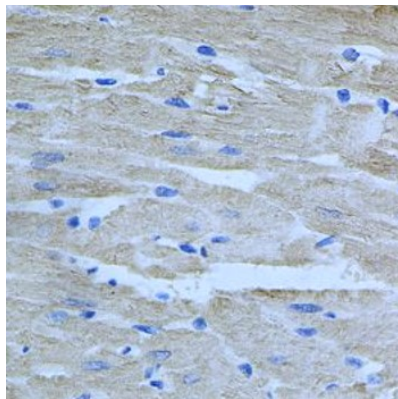
Gene Symbol	TARS
Gene Full Name	threonyl-tRNA synthetase
Background	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be 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.

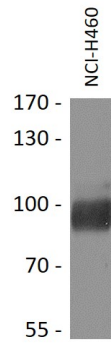


ARG59950 anti-TARS / ThrRS antibody IHC-P image

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.

