

## Product datasheet for **TA358342**

### Arginyl tRNA synthetase (RARS) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 79%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	73kDa
Gene Name:	arginyl-tRNA synthetase
Database Link:	<a href="#">NP_002878</a> <a href="#">Entrez Gene 5917 Human P54136</a>
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. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family.
Synonyms:	ArgRS; DALRD1; MGC8641



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Protein Families: Druggable Genome

Protein Pathways: Aminoacyl-tRNA biosynthesis

### Product images:



WB Suggested Anti-RARS Antibody  
Titration: 1.0 ug/ml  
Positive Control: 721\_B Whole Cell RARS is supported by BioGPS gene expression data to be expressed in 721\_B