

## Product datasheet for **TA360735**

### Alanyl tRNA synthetase 2 (AARS2) Rabbit Polyclonal Antibody

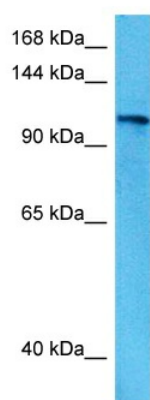
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human AARS2
Specificity:	<b>Expected reactivity:</b> Human
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:	108 kDa
Gene Name:	alanyl-tRNA synthetase 2, mitochondrial
Database Link:	<a href="#">NP_065796.1</a> <a href="#">Entrez Gene 57505 Human</a> <a href="#">Q5J TZ9</a>
Background:	The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8.
Synonyms:	AARSL; AlaRS; bA444E17.1; KIAA1270; MT-ALARS; MTALARS
Protein Pathways:	Aminoacyl-tRNA biosynthesis



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## Product images:



Host: Rabbit  
Target Name: AARS2  
Sample Type: A549 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: AARS2  
Sample Tissue: Human A549 Whole Cell lysates  
Antibody Dilution: 1 $\mu$ g/ml