



Anti-AARS (aa 695-968) polyclonal antibody (DPABH-27275)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the attachment of alanine to tRNA(Ala) in a two-step reaction: alanine is first activated by ATP to form Ala-AMP and then transferred to the acceptor end of tRNA(Ala). Also edits incorrectly charged tRNA(Ala) via its editing domain.
Immunogen	Recombinant fragment corresponding to amino acids 695-968 (UniProt ID: Q8CFX8) of Hamster AlaRS with proprietary tag.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Hamster, Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name [AARS alanyl-tRNA synthetase \[Mus musculus \]](#)

Official Symbol	AARS
Synonyms	AARS; alanyl-tRNA synthetase; sti; C76919; AI316495; alanine--tRNA ligase, cytoplasmic; alaRS; alanyl-tRNA synthetase, cytoplasmic;
Entrez Gene ID	234734
Protein Refseq	NP_666329.2
UniProt ID	Q3UD67
Pathway	Aminoacyl-tRNA biosynthesis; Aminoacyl-tRNA biosynthesis, eukaryotes; Cytosolic tRNA aminoacylation; tRNA Aminoacylation
Function	ATP binding; RNA binding; alanine-tRNA ligase activity; amino acid binding