

Datasheet for ABIN928871  
**anti-QARS antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	QARS
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QARS antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	QARS antibody was raised in rabbit using the N terminal of QARS as the immunogen
Purification:	Purified

## Target Details

Target:	QARS
Alternative Name:	QARS ( <a href="#">QARS Products</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. In metazoans, 9 aminoacyl-tRNA synthetases specific for glutamine (gln), glutamic acid (glu), and 7 other amino acids are associated within a multienzyme complex. Although

## Target Details

present in eukaryotes, glutaminyl-tRNA synthetase (QARS) is absent from many prokaryotes, mitochondria, and chloroplasts, in which Gln-tRNA(Gln) is formed by transamidation of the misacylated Glu-tRNA(Gln). Glutaminyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family. Synonyms: Polyclonal QARS antibody, Anti-QARS antibody, glutaminyl-tRNA synthetase antibody, GLNRS antibody, PRO2195 antibody.

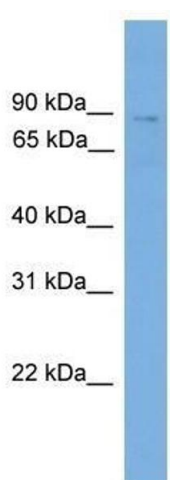
## Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	QARS Blocking Peptide, catalog no. 33R-2135, is also available for use as a blocking control in assays to test for specificity of this QARS antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 $^{\circ}$ C/-20 $^{\circ}$ C
Storage Comment:	Store at 4 $^{\circ}$ C, following reconstitution, aliquot and store at -20 $^{\circ}$ C.

## Images



### Western Blotting

**Image 1.** Western Blot showing QARS antibody used at a concentration of 1.0  $\mu$ g/ml against Transfected 293T Cell Lysate