

Datasheet for ABIN631021  
**anti-WARS antibody (N-Term)**



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1 Image

## Overview

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

## Product Details

Immunogen:	WARS antibody was raised using the N terminal of WARS corresponding to a region with amino acids EIDSAVKMLVSLKMSYKAAAGEDYKADCPPGNPAPTSNHGPDATEAEEDF
Specificity:	WARS antibody was raised against the N terminal of WARS
Purification:	Affinity purified

## Target Details

Target:	WARS
Alternative Name:	WARS ( <a href="#">WARS 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

## Target Details

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evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to the class I tRNA synthetase family.

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Molecular Weight: 52 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

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Comment: WARS Blocking Peptide, catalog no. 33R-2465, is also available for use as a blocking control in assays to test for specificity of this WARS antibody

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of WARS antibody in PBS

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Concentration: Lot specific

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Buffer: PBS

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Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** WARS antibody used at 1 ug/ml to detect target protein.