

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





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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 (WARS Products)	
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

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

Molecular Weight:

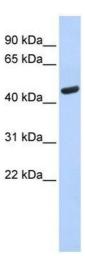
52 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL	
	Optimal conditions should be determined by the investigator.	
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	
Restrictions:	For Research Use only	

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of WARS antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
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.