

# Product Datasheet

## Tryptophanyl tRNA synthetase Antibody (3A12) - Azide and BSA Free H00007453-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00007453-M02**

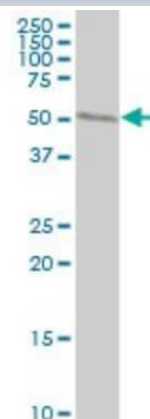
Tryptophanyl tRNA synthetase Antibody (3A12) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3A12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7453
<b>Gene Symbol</b>	WARS1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	WARS (3A12)
<b>Immunogen</b>	WARS (NP_004175, 50 a.a. ~ 149 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YKAAAGEDYKADCPPGNPAPTSNHGPDTEAEEDFVDPWTVQTSSAKGIDYD KLIVRFGSSKIDKELINRIERATGQRPHHFLRRGIFFSHRDMNQVLDA
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

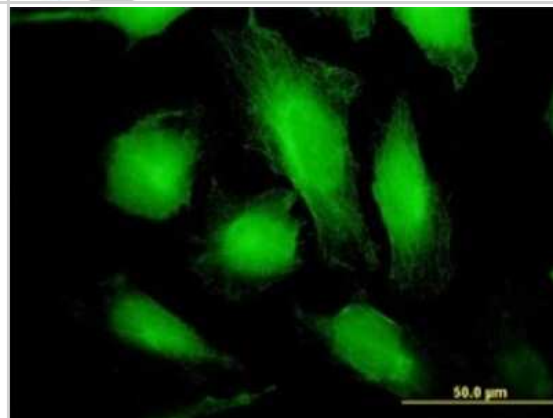


## Images

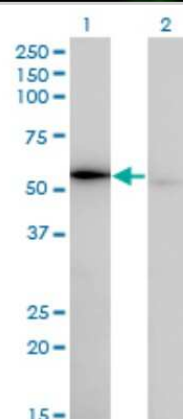
Western Blot: Tryptophanyl tRNA synthetase Antibody (3A12) [H00007453-M02] - WARS monoclonal antibody (M02), clone 3A12  
Analysis of WARS expression in HeLa.



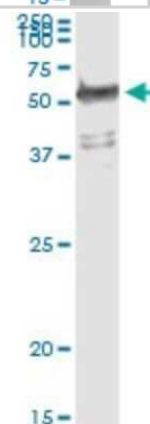
Immunocytochemistry/Immunofluorescence: Tryptophanyl tRNA synthetase Antibody (3A12) [H00007453-M02] - Analysis of monoclonal antibody to WARS on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: Tryptophanyl tRNA synthetase Antibody (3A12) [H00007453-M02] - Analysis of WARS expression in transfected 293T cell line by WARS monoclonal antibody (M02), clone 3A12. Lane 1: WARS transfected lysate (53.2 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: Tryptophanyl tRNA synthetase Antibody (3A12) [H00007453-M02] - Analysis of WARS transfected lysate using anti-WARS monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with WARS MaxPab rabbit polyclonal antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00007453-M02**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-50843-0.1mg	Recombinant Human Tryptophanyl tRNA synthetase His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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