

# Product Datasheet

## Arginyl tRNA synthetase Antibody NBP1-46148

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-46148**

## Arginyl tRNA synthetase Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Arginyl tRNA synthetase Antibody (NBP1-46148) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Arginyl tRNA synthetase Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5917
Gene Symbol	RARS1
Species	Human
Immunogen	Peptide with sequence C-SLQAERNKPTKN corresponding to internal region according to NP_002878.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 75 kDa band observed in lysates of HeLa and HepG2 (calculated MW of 75.4 kDa band according to NP_002878.2).

**Images**

Western Blot: Arginyl tRNA synthetase Antibody [NBP1-46148] - NBP1-46148 (1ug/ml) staining of HepG2 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

## Publications

Theodoridis PR, Bokros M, Marijan D et al. Local translation in nuclear condensate amyloid bodies Proceedings of the National Academy of Sciences of the United States of America 2021-02-16 [PMID: 33568529] (ICC, Human)

Bottoni A, Vignali C, Piccin D et al. Proteasomes and RARS modulate AIMP1/EMAP II secretion in human cancer cell lines. J Cell Physiol 2007-08-01 [PMID: 17443684]





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### **Products Related to NBP1-46148**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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