

For Research Use Only

# RNASEH2B Polyclonal antibody

Catalog Number: 17527-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 17527-1-AP	<b>GenBank Accession Number:</b> BC036744	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 253 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79621	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> ribonuclease H2, subunit B	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 331 aa, 37 kDa	
<b>Immunogen Catalog Number:</b> AG11189	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB,ELISA	<b>Positive Controls:</b> WB : mouse thymus tissue, HeLa cells, MCF-7 cells, mouse lung tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> rat	

## Background Information

Ribonuclease H2 is the major nuclear enzyme degrading cellular RNA/DNA hybrids in eukaryotes and the sole nuclease known to be able to hydrolyze ribonucleotides misincorporated during genomic replication. RNASEH2B and RNASEH2C are the non-catalytic subunits of RNase H2 complex. Defects in RNASEH2B are a cause of Aicardi-Goutieres syndrome type 2 (AGS2), a genetically heterogeneous disease with clinical features as thrombocytopenia, hepatosplenomegaly and elevated hepatic transaminases along with intermittent fever may erroneously suggest an infective process.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shuo Cong	33691721	Nutr Metab (Lond)	WB

## Storage

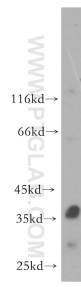
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 17527-1-AP (RNASEH2B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.