

For Research Use Only

RNASEH2B Polyclonal antibody

Catalog Number: 17527-1-AP **2 Publications**



Basic Information

Catalog Number: 17527-1-AP	GenBank Accession Number: BC036744	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 79621	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q5TBB1	
Isotype: IgG	Full Name: ribonuclease H2, subunit B	
Immunogen Catalog Number: AG11189	Calculated MW: 331 aa, 37 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse thymus tissue, HeLa cells, MCF-7 cells, mouse lung tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, 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
Yan Li	38329876	Cell Rep	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

For technical support and original validation data for this product please contact:

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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.