

# RNASEH2A antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11777

## Product Information

<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">O75792</a>
<b>Other Accession</b>	<a href="#">NM_006397</a> , <a href="#">NP_006388</a>
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Pig, Goat, Dog, Horse, Bovine, Yeast
<b>Predicted</b>	Human, Rat, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	33395

## Additional Information

<b>Gene ID</b>	10535
<b>Alias Symbol</b>	AGS4, JUNB, RNHL, RNHIA, RNASEHI
<b>Other Names</b>	Ribonuclease H2 subunit A, RNase H2 subunit A, 3.1.26.4, Aicardi-Goutieres syndrome 4 protein, AGS4, RNase H(35), Ribonuclease HI large subunit, RNase HI large subunit, Ribonuclease HI subunit A, RNASEH2A, RNASEHI, RNHIA
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 100 ul of distilled water. Final anti-RNASEH2A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	RNASEH2A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

<b>Name</b>	RNASEH2A
<b>Synonyms</b>	RNASEHI, RNHIA
<b>Function</b>	Catalytic subunit of RNase HII, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Mediates the excision of single ribonucleotides from DNA:RNA duplexes.
<b>Cellular Location</b>	Nucleus.

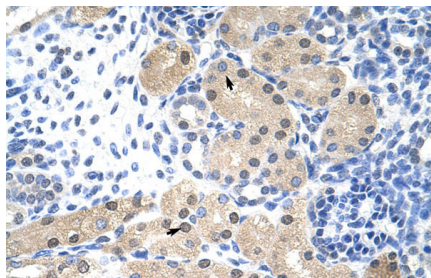
## References

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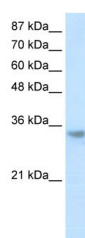
Frank,P., (1998) Proc. Natl. Acad. Sci. U.S.A. 95 (22), 12872-12877  
Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images

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Rabbit Anti-RNASEH2A Antibody  
Paraffin Embedded Tissue: Human Kidney  
Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



WB Suggested Anti-RNASEH2A Antibody Titration:  
1.25µg/ml  
Positive Control: Jurkat cell lysate  
RNASEH2A is supported by BioGPS gene expression data  
to be expressed in Jurkat

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.