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RNASEH2A antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11777

Product Information

Application	WB, IHC
Primary Accession	O75792
Other Accession	NM_006397, NP_006388
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Goat, Dog, Horse, Bovine, Yeast
Predicted	Human, Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33395

Additional Information

Gene ID	10535
Alias Symbol	AGS4, JUNB, RNHL, RNHIA, RNASEHI
Other Names	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
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	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.
Precautions	RNASEH2A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

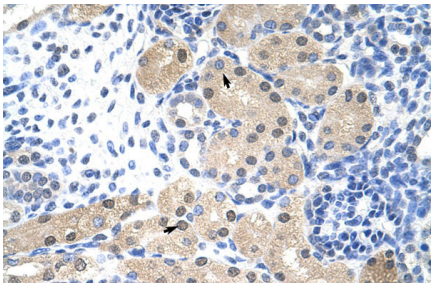
Protein Information

Name	RNASEH2A
Synonyms	RNASEHI, RNHIA
Function	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.
Cellular Location	Nucleus.

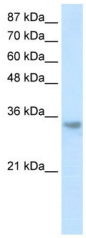
References

Frank,P., (1998) Proc. Natl. Acad. Sci. U.S.A. 95 (22), 12872-12877Reconstitution 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



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'.