

RNASEH1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11750**Specification**

RNASEH1 antibody - middle region - Product Information

Application	WB
Primary Accession	O60930
Other Accession	NM_002936 , NP_002927
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Yeast, Bovine, Dog
Predicted Host	Human, Mouse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 32kDa KDa

RNASEH1 antibody - middle region - Additional Information**Gene ID** 246243

Alias Symbol	H1RNA, RNH1
Other Names	
Ribonuclease H1, RNase H1, 3.1.26.4, Ribonuclease H type II, RNASEH1, RNH1	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RNASEH1 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

RNASEH1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

RNASEH1 antibody - middle region - Protein Information**Name** RNASEH1**Synonyms** RNH1**Function**

Endonuclease that specifically degrades the RNA of RNA-DNA hybrids (PubMed: [10497183](http://www.uniprot.org/citations/10497183)). Plays a role in RNA polymerase II (RNAP II) transcription termination by degrading R-loop RNA-DNA hybrid formation at G-rich pause sites located downstream of the poly(A) site and behind the elongating RNAP II (PubMed: [21700224](http://www.uniprot.org/citations/21700224)).

Cellular Location

Cytoplasm.

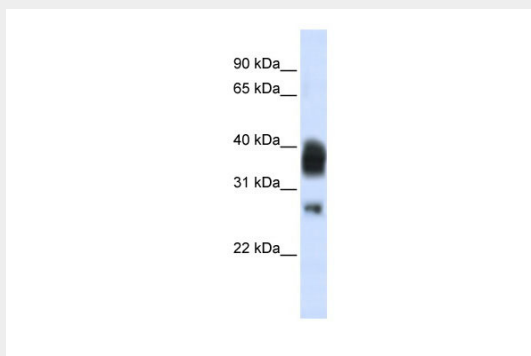
Tissue Location

Ubiquitous.

RNASEH1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNASEH1 antibody - middle region - Images

WB Suggested Anti-RNASEH1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate

RNASEH1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

RNASEH1 antibody - middle region - References

Nowotny, M., (2008) EMBO J. 27 (7), 1172-1181 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.