

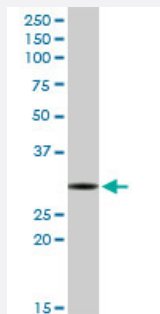
MaxPab®

# RNASEH2A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010535-D01P

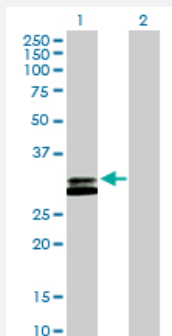
Size 100 ug

## Applications



### Western Blot (Cell lysate)

RNASEH2A MaxPab rabbit polyclonal antibody. Western Blot analysis of RNASEH2A expression in HeLa.



### Western Blot (Transfected lysate)

Western Blot analysis of RNASEH2A expression in transfected 293T cell line ([H00010535-T02](#)) by RNASEH2A MaxPab polyclonal antibody.

Lane 1: RNASEH2A transfected lysate(33.40 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human RNASEH2A protein.

### Immunogen

RNASEH2A (NP\_006388.2, 1 a.a. ~ 299 a.a) full-length human protein.

### Sequence

MDLSELERDNTGRCRLSSPVPVAVCRKEPCVLGVDEAGRGPVLGPMVYAICYCPLPRLADLEALK  
VADSKTLLESERERLFAKMEDTDFVGWALDVLSPNLSTMSMLGRVKYNLSLSDTATGLIQYALD  
QGVNVTQVFVDTVGMPETYQARLQQSFPGIEVTVKAKADALYPVVSAAISAKVARDQAVKKWQ  
FVEKLQDLDTDYSGYPNDPKTKAWLKEHVEPVFGFPQFVRFWSRTAQ TILEKEAEDVIWEDSA  
SENQEGLRKITSYFLNEGSQARPRSSHRYFLERGLSATSL

### Host

Rabbit

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Reactivity                    | Human                                                                    |
| Interspecies Antigen Sequence | Rat (84)                                                                 |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Cell lysate)

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[Protocol Download](#)

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Western Blot analysis of RNASEH2A expression in transfected 293T cell line ([H00010535-T02](#)) by RNASEH2A MaxPab polyclonal antibody.

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## Gene Info — RNASEH2A

|                     |                                  |
|---------------------|----------------------------------|
| Entrez GeneID       | <a href="#">10535</a>            |
| GeneBank Accession# | <a href="#">NM_006397</a>        |
| Protein Accession#  | <a href="#">NP_006388.2</a>      |
| Gene Name           | RNASEH2A                         |
| Gene Alias          | AGS4, JUNB, RNASEHI, RNHIA, RNHL |
| Gene Description    | ribonuclease H2, subunit A       |
| Omim ID             | <a href="#">606034 610333</a>    |
| Gene Ontology       | <a href="#">Hyperlink</a>        |

**Gene Summary**

The protein encoded by this gene is a component of the heterotrimeric type II ribonuclease H enzyme (RNaseH2). RNaseH2 is the major source of ribonuclease H activity in mammalian cells and endonucleolytically cleaves ribonucleotides. It is predicted to remove Okazaki fragment RNA primers during lagging strand DNA synthesis and to excise single ribonucleotides from DNA-DNA duplexes. Mutations in this gene cause Aicardi-Goutieres Syndrome (AGS), a an autosomal recessive neurological disorder characterized by progressive microcephaly and psychomotor retardation, intracranial calcifications, elevated levels of interferon-alpha and white blood cells in the cerebrospinal fluid

**Other Designations**

ribonuclease H2, large subunit|ribonuclease HI, large subunit

**Pathway**

- [DNA replication](#)