

## Rabbit anti-Human, Mouse RNH1 Polyclonal Antibody | anti-RNH1 antibody

Rabbit anti-RNH1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA213228 | Rabbit | Human, Mouse | Immunoprecipitation, Western Blot |

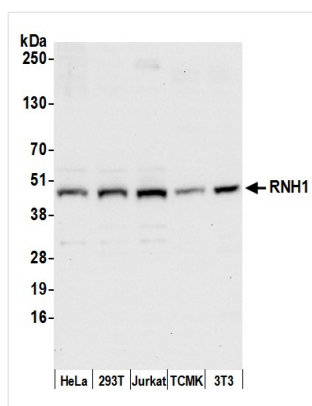
### PRODUCT SYNONYMS

RNH1; Polyclonal Antibody; Rabbit anti-RNH1 Antibody; Affinity Purified; placental ribonuclease inhibitor; placental RNase inhibitor; RAI; ribonuclease inhibitor; Ribonuclease/angiogenin inhibitor 1; RNH; testicular tissue protein Li 164; Ribonuclease inhibitor; ribonuclease/angiogenin inhibitor 1; anti-RNH1 antibody

### PRODUCT SPECIFICATIONS

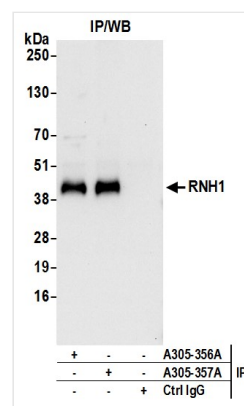
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse                                                                              |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-RNH1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Predicted Reactivity                           | Chimpanzee                                                                                |
| Immunogen                                      | Between 1 and 50                                                                          |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human and mouse RNH1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RNH1 antibody AAA213228 (lot AAA213228-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



#### IP (Immunoprecipitation)

Detection of human RNH1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RNH1 antibody AAA213228 (lot AAA213228-1) used for IP at 6 ug per reaction. RNH1 was also immunoprecipitated by rabbit anti-RNH1 antibody. For blotting immunoprecipitated RNH1, AAA213228 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RNH1 antibody | Placental ribonuclease inhibitor (PRI) is a member of a family of proteinaceous cytoplasmic RNase inhibitors that occur in many tissues and bind to both intracellular and extracellular RNases (summarized by Lee et al., 1988 [PubMed 3219362]). In addition to control of intracellular RNases, the inhibitor may have a role in the regulation of angiogenin (MIM 105850). Ribonuclease inhibitor, of 50,000 Da, binds to ribonucleases and holds them in a latent form. Since neutral and alkaline ribonucleases probably play a critical role in the turnover of RNA in eukaryotic cells, RNH may be essential for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible in vivo [taken from NCBI Entrez Gene (Gene ID: 6050)]. |
| Product Categories/Family for anti-RNH1 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 21361547                                 |
| NCBI GeneID                      | 6050                                     |
| NCBI Accession #                 | NP_002930.2                              |
| NCBI GenBank Nucleotide #        | NM_002939.3                              |
| UniProt Accession #              | P13489; Q8IZK8; Q96FD7; Q9BQ80; Q9UDK6   |
| Molecular Weight                 | 49,973 Da                                |
| NCBI Official Full Name          | ribonuclease inhibitor                   |
| NCBI Official Synonym Full Names | ribonuclease/angiogenin inhibitor 1      |
| NCBI Official Symbol             | RNH1                                     |
| NCBI Official Synonym Symbols    | RAI; RNH                                 |
| NCBI Protein Information         | ribonuclease inhibitor                   |
| UniProt Protein Name             | Ribonuclease inhibitor                   |
| UniProt Gene Name                | <b>RNH1</b>                              |
| UniProt Synonym Gene Names       | PRI; RNH; Placental RNase inhibitor; RAI |
| UniProt Entry Name               | RINI_HUMAN                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rnh1-antibody-immunoprecipitation-western-blot-elisa/213228>