

**TINP1/NSA2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57721**

**Specification**

**TINP1/NSA2 Polyclonal Antibody - Product Information**

|                                |   |
|--------------------------------|---|
| Application                    | IHC-P, IHC-F, IF, ICC, E  |
| Primary Accession              | <a href="#">O95478</a>  |
| Reactivity                     | Rat, Pig, Dog, Bovine   |
| Host                           | Rabbit  |
| Clonality                      | Polyclonal  |
| Calculated MW                  | 30 KDa  |
| Physical State                 | Liquid  |
| Immunogen                      | KLH conjugated synthetic peptide derived from human TINP1/NSA2  |
| Epitope Specificity            | 1-100/260   |
| Isotype                        | IgG   |
| <b>Purity</b>                  |   |
| affinity purified by Protein A |   |
| Buffer                         | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.   |
| SUBCELLULAR LOCATION           | Nucleus > nucleolus.  |
| SIMILARITY                     | Belongs to the ribosomal protein S8e family.  |
| SUBUNIT                        | Component of the pre-66S ribosomal particle.  |
| Important Note                 | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

**Background Descriptions**

This gene encodes a nucleolar protein involved in cell cycle regulation and proliferation. This gene was identified based on sequence similarity to a highly conserved *Saccharomyces cerevisiae* gene encoding a pre-ribosomal protein, which is involved in large ribosomal subunit biogenesis. The encoded protein is found at elevated levels in diabetic nephropathy. Alternative splicing results in multiple transcript variants. Several related pseudogenes have been identified. [provided by RefSeq, Nov 2012]

**TINP1/NSA2 Polyclonal Antibody - Additional Information**

**Gene ID** 10412

**Other Names**

Ribosome biogenesis protein NSA2 homolog, Hairy cell leukemia protein 1, TGF-beta-inducible nuclear protein 1, NSA2, TINP1

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A

=<span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**TINP1/NSA2 Polyclonal Antibody - Protein Information**

**Name** NSA2

**Synonyms** TINP1

**Function**

Involved in the biogenesis of the 60S ribosomal subunit. May play a part in the quality control of pre-60S particles (By similarity).

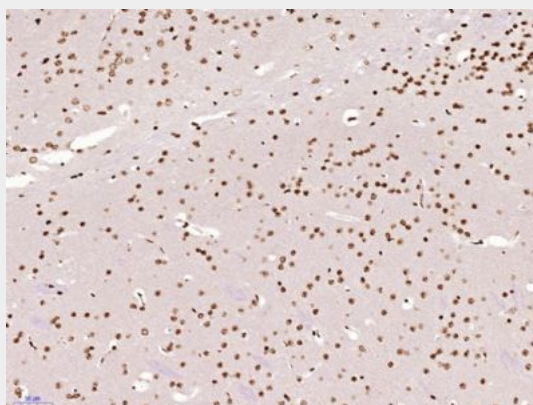
**Cellular Location**

Nucleus, nucleolus.

**TINP1/NSA2 Polyclonal Antibody - Protocols**

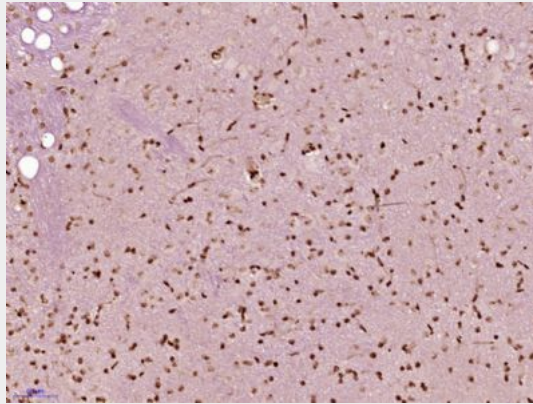
Provided below are standard protocols that you may find useful for product applications.

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

**TINP1/NSA2 Polyclonal Antibody - Images**

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium

citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TINP1/NSA2) Polyclonal Antibody, Unconjugated (bs-19934R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TINP1/NSA2) Polyclonal Antibody, Unconjugated (bs-19934R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.