

Datasheet for 200-901-FF0

TINP1 Antibody**Overview**

Description:	Anti-TINP1 (CHICKEN) Antibody - 200-901-FF0
Item No.:	200-901-FF0
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Chicken

Product Details

Background:	TINP1 (TGF-beta inducible nuclear protein 1), also known as NSA2 (Nop seven-associated 2), is a highly conserved nucleolar protein essential for large ribosomal subunit biogenesis. NSA2 is broadly expressed in human tissues and cultured cell lines, and located in the nucleolus of the cell. It is thought to be involved in cell proliferation and cell cycle regulation.
Synonyms:	TINP1 Antibody, HCLG1, TINP1, CDK105, HCL-G1, HUSSY29, HUSSY-29, Ribosome biogenesis protein NSA2 homolog, Hairy cell leukemia protein 1
Host Species:	Chicken
Clonality:	Polyclonal
Format:	IgY

Target Details

Gene Name:	NSA2
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TINP1 antibody was prepared from chicken egg fractions produced by repeated immunizations with a 13 amino acid synthetic peptide near the C-terminus of human TINP1.
Purity/Specificity:	Anti-TINP1 Antibody is an IgY fraction that has been affinity purified by immunoaffinity purification. Cross reactivity with TINP1 from other sources has not been determined.
Relevant Links:	• UniProtKB - O95478

- [GeneID - 10412](#)
- [NCBI - NP_001258594.1](#)

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-TINP1 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 30 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IHC:	5 µg/mL
WB:	1-2 µg/mL

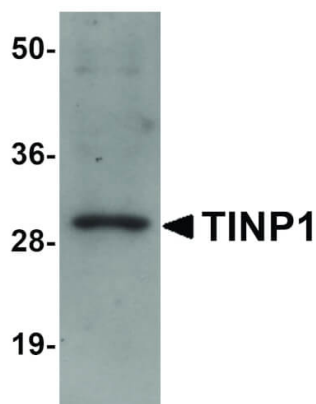
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

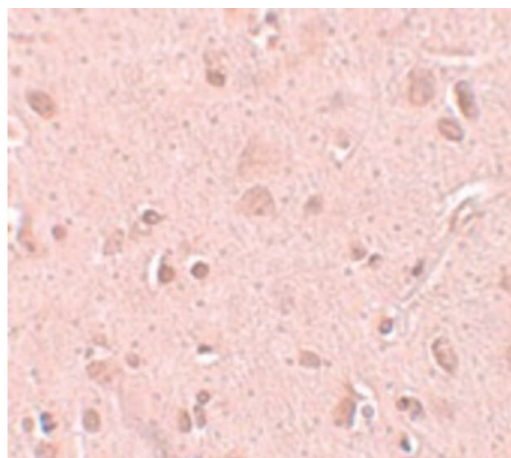
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of TINP1 antibody. Lane 1: Rat brain tissue lysate with TINP1 antibody at 1 $\mu\text{g}/\text{mL}$. Lane 2: Rat brain tissue lysate with TINP1 antibody at 2 $\mu\text{g}/\text{mL}$. Secondary antibody: Peroxidase chicken secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 30 kDa, 30 kDa for TINP1. Other band(s): TINP1 splice variants and isoforms.



Immunohistochemistry

Immunohistochemistry of TINP1 antibody. Tissue: Human brain tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: TINP1 antibody at 5 $\mu\text{g}/\text{mL}$ for 1 h at RT. Secondary antibody: Peroxidase chicken secondary antibody at 1:10,000 for 45 min at RT. Localization: TINP1 is localized in the cytosol. Staining: TINP1 as precipitated pink signal with brown counterstain.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.