

Datasheet for 600-401-FN9**TRIM24 Antibody****Overview**

Description:	Anti-TRIM24 (RABBIT) Antibody - 600-401-FN9
Item No.:	600-401-FN9
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	TRIM24 (TIF1), a member of the tripartite motif (TRIM) family, plays a role in the regulation of cell proliferation and apoptosis. TRIM24 localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The TRIM motif includes three zinc-binding domains (RING, B-box type 1 and B-box type 2) and a coiled-coil region. TIF1 mediates transcriptional events by interactions with the AF2 region of several nuclear receptors, such as the estrogen, retinoic acid and vitamin D3 receptors. Defects in TRIM24 are a cause of thyroid papillary carcinoma (TPC).
Synonyms:	TRIM24 Antibody, PTC6, TF1A, TIF1, RNF82, TIF1A, hTIF1, TIF1ALPHA, Transcription intermediary factor 1-alpha, E3 ubiquitin-protein ligase TRIM24, TIF1-alpha
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TRIM24
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TRIM24 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the internal region of human TRIM24.

Purity/Specificity: Anti-TRIM24 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of TRIM24 are known to exist.

Relevant Links:

- [UniProtKB - O15164](#)
- [GeneID - 8805](#)
- [NCBI - NP_003843.3](#)

Application Details

Tested Applications: ELISA, IF, IHC, WB

Application Note: Anti-TRIM24 Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 117 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

IF: User Optimized

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

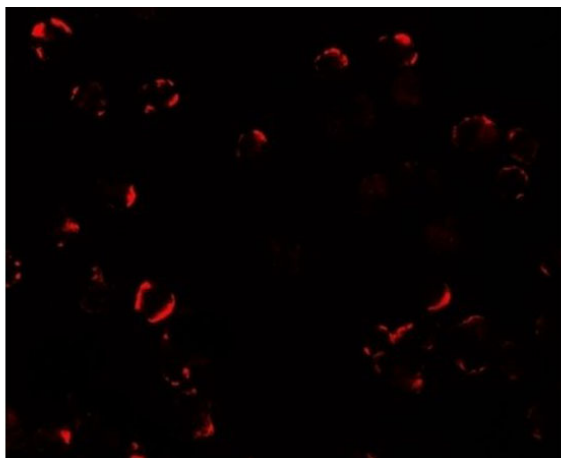
Shipping & Handling

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

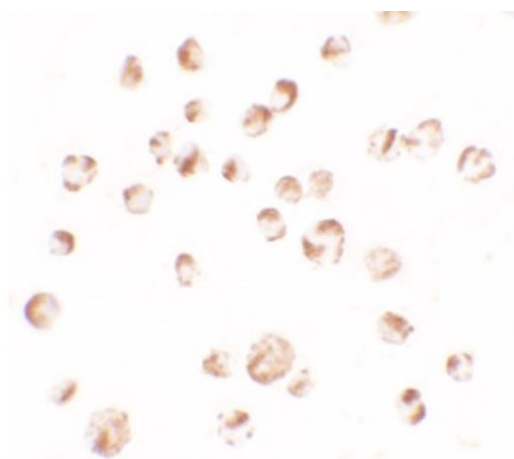


Immunofluorescence Microscopy

Immunofluorescence of TRIM24.

Cell: EL4 cells.

Primary Antibody: TRIM24 antibody at 20 µg/mL.

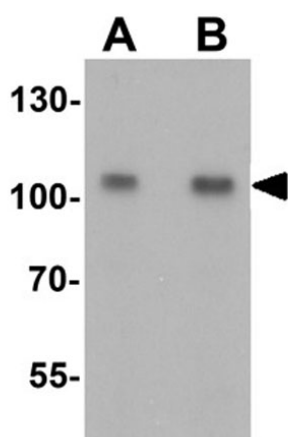


Immunocytochemistry

Immunocytochemistry of TRIM24.

Cell: EL4 cells.

Primary Antibody: TRIM24 antibody at 2.5 µg/mL.



Western Blot

Western blot of TRIM24.

Load: A431 cell lysate.

Primary Antibody: TRIM24 antibody at (A) 0.5 and (B) 1 µg/mL.

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.