

Datasheet for ABIN2855268

**anti-TRIM27 antibody**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	TRIM27
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM27 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human TRIM27. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to TRIM27 (tripartite motif containing 27) TRIM27 antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	TRIM27
Alternative Name:	tripartite motif containing 27 ( <a href="#">TRIM27 Products</a> )

## Target Details

**Background:** This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to the nuclear matrix. It interacts with the enhancer of polycomb protein and represses gene transcription. It is also thought to be involved in the differentiation of male germ cells. Fusion of the N-terminus of this protein with the truncated C-terminus of the RET gene product has been shown to result in production of the ret transforming protein.

Cellular Localization: Nucleus (By similarity) , Cytoplasm (By similarity)

**Molecular Weight:** 58 kDa

**Gene ID:** 5987

**UniProt:** [P14373](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: K562 , THP-1 , HL-60 , U87-MG , SK-N-SH , IMR32 , rat testis

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.66 mg/mL

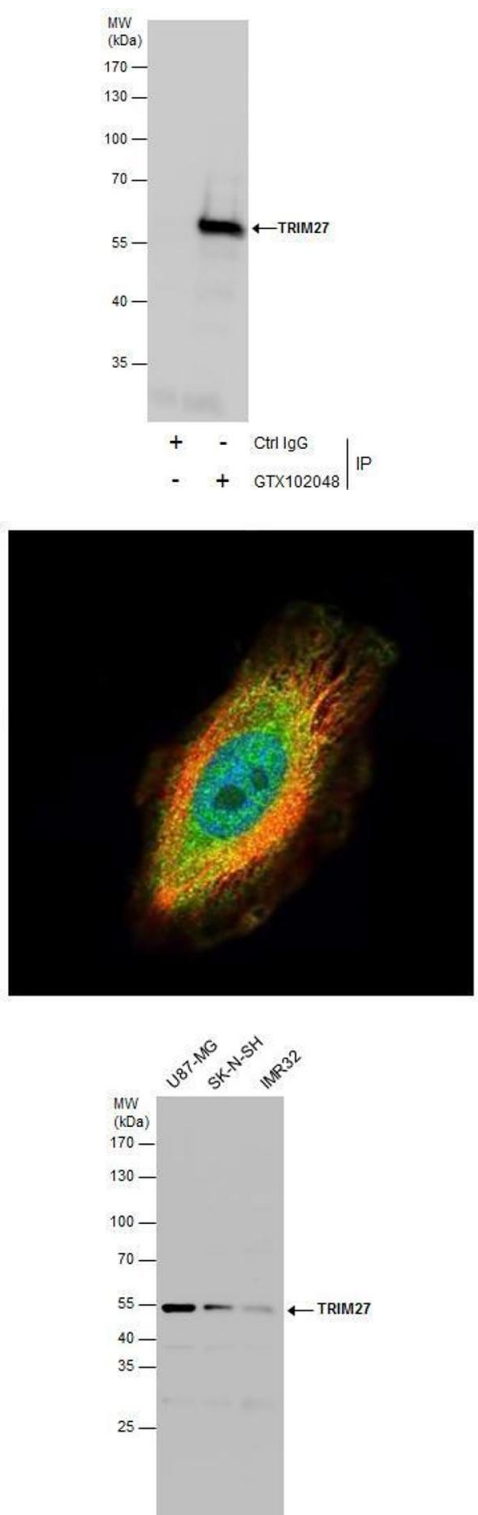
**Buffer:** 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



### Immunoprecipitation

**Image 1.** IP Image Immunoprecipitation of TRIM27 protein from Jurkat whole cell extracts using 5 µg of TRIM27 antibody, Western blot analysis was performed using TRIM27 antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.

### Immunofluorescence

**Image 2.** ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using TRIM27, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

### Western Blotting

**Image 3.** WB Image TRIM27 antibody detects TRIM27 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with TRIM27 antibody, diluted at a dilution of 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855268.