

Datasheet for ABIN2855289
anti-TRIM27 antibody



[Go to Product page](#)

3 Images

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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), 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 |
| 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 (TRIM27 Products) |

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. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: IMR32

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.14 mg/mL

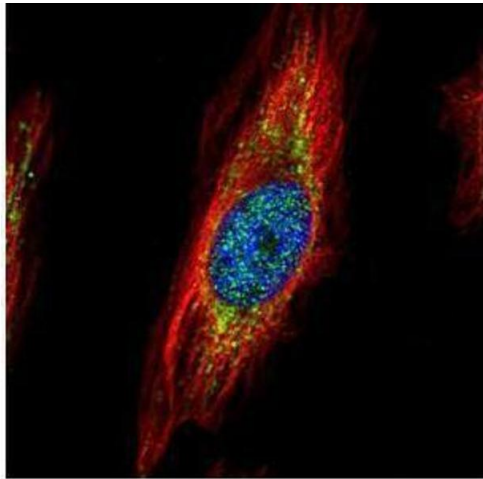
Buffer: 1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

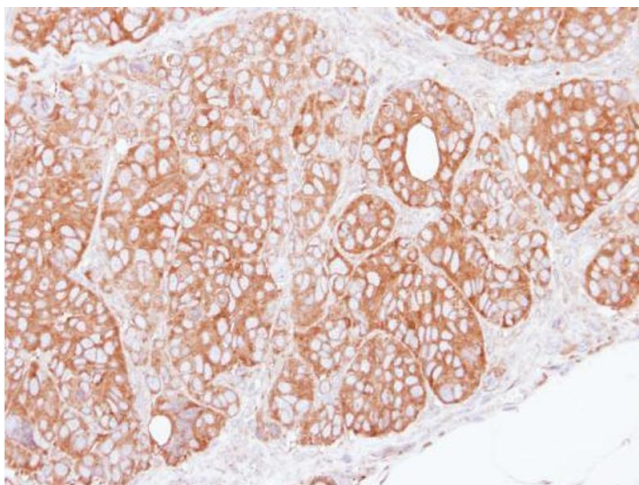
Storage: 4 °C,-20 °C

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.



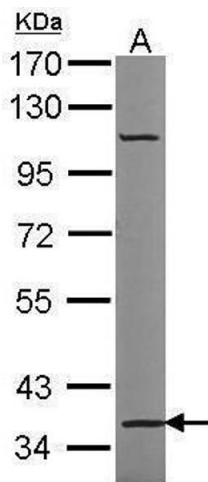
Immunofluorescence

Image 1. 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.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using ret finger protein, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: HeLa 7.5% SDS PAGE antibody diluted at 1:1000