

Datasheet for ABIN2857044  
**anti-TRIM23 antibody (N-Term)**[Go to Product page](#)

## 4 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | TRIM23   |
| Binding Specificity: | N-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This TRIM23 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human TRIM23. The exact sequence is proprietary. |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse  |
| Characteristics:  | Rabbit Polyclonal antibody to TRIM23 (tripartite motif containing 23)<br>TRIM23 antibody [N1], N-term   |
| Purification:     | Purified by antigen-affinity chromatography.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | TRIM23   |
| Alternative Name: | tripartite motif containing 23 ( <a href="#">TRIM23 Products</a> )   |
| Background:       | <p>The protein encoded by this gene is 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 is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to another, and phospholipase D activation. Three alternatively spliced transcript variants for this gene have been described.</p> <p>Cellular Localization: Endomembrane system , Golgi apparatus membrane , Lysosome membrane</p> |
| Molecular Weight: | 64 kDa   |
| Gene ID:          | 373  |
| UniProt:          | <a href="#">P36406</a>   |

## 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. |
| Restrictions:      | For Research Use only   |

## Handling

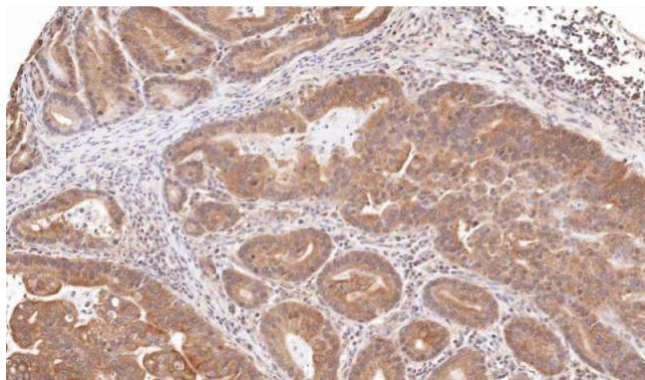
|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 0.67 mg/mL  |
| Buffer:            | 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300   |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Handling

Storage: 4 °C, -20 °C

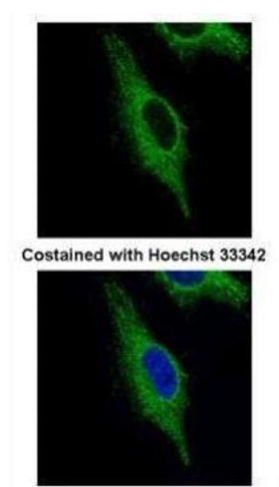
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Images



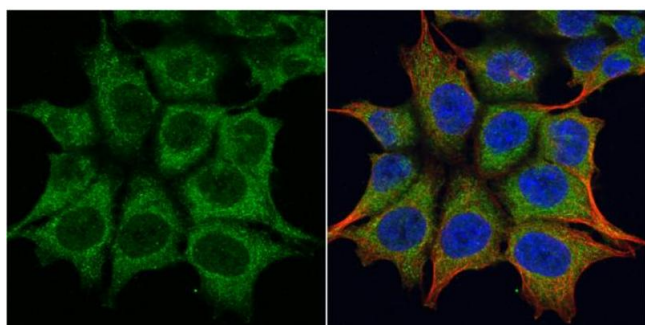
### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human gastric cancer, using TRIM23, antibody at 1:100 dilution.



### Immunofluorescence

**Image 2.** ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using TRIM23, antibody (Green) at 1:500 dilution.



### Immunofluorescence

**Image 3.** ICC/IF Image TRIM23 antibody [N1], N-term detects TRIM23 protein at cytoplasm by immunofluorescent analysis. Samples: HCT116 cells mock (left) and treated with 30  $\mu$ M Cisplatin for 24 hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min. Green: TRIM23 protein stained by TRIM23 antibody [N1], N-term, diluted at 1:200. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2], diluted at

1:10000. Blue: Hoechst 33342 staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2857044.