

Datasheet for ABIN741759

**anti-TRIM63 antibody (AA 251-353) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | TRIM63                                                                                                                                           |
| Binding Specificity: | AA 251-353                                                                                                                                       |
| Reactivity:          | Human, Mouse, Rat                                                                                                                                |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This TRIM63 antibody is conjugated to HRP                                                                                                        |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human MuRF1/Trim63 |
| Isotype:              | IgG                                                              |
| Cross-Reactivity:     | Human, Mouse, Rat                                                |
| Predicted Reactivity: | Cow,Pig,Horse,Rabbit                                             |
| Purification:         | Purified by Protein A.                                           |

## Target Details

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Target:           | TRIM63                                           |
| Alternative Name: | MuRF1/Trim63 ( <a href="#">TRIM63 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Background: | <p>Synonyms: MuRF 1, MuRF-1, Muscle-specific RING finger protein 1, Muscle-specific RING finger protein 1, E3 ubiquitin-protein ligase TRIM63, FLJ32380, IRF, MURF1, MURF 1, MURF2, RNF28, SMRZ, Iris ring finger protein, Muscle specic ring finger protein 2, Ring finger protein 28, RNF28, SMRZ, Striated muscle RING zinc finger protein, TRIM 63, TRIM63, Tripartite mot containing 63, Tripartite mot containing protein 63, Ubiquitin ligase TRIM63.</p> <p>Background: This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is localized to the Z-line and M-line lattices of myofibrils, where titin's N-terminal and C-terminal regions respectively bind to the sarcomere. In vitro binding studies have shown that this protein also binds directly to titin near the region of titin containing kinase activity. Another member of this protein family binds to microtubules. Since these family members can form heterodimers, this suggests that these proteins may serve as a link between titin kinase and microtubule-dependent signal pathways in muscle. [provided by RefSeq].</p> |
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| Gene ID: | 84676 |
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## Application Details

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|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |

Handling

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|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months                                                                         |