



Catalog: OM294020

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# TRIM23 Antibody

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☐ 100ug

## Product profile

Product name	TRIM23 Antibody
Antibody Type	Primary Antibodies
Product description	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. <sup>1)</sup> Arimoto, K., et al. Proc. Natl. Acad. Sci. U.S.A. 107(36):15856-15861(2010)
Immunogen	This TRIM23 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-175 amino acids from the N-terminal region of human TRIM23.

## Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Applications	IHC-P, WB
Species Reactivity	Human
Concentration	1 mg/ml
Purification	Affinity purified

## Target Information

Gene Symbol	TRIM23
Alternative Names	E3 ubiquitin-protein ligase TRIM23, 632-, ADP-ribosylation factor domain-containing protein 1, GTP-binding protein ARD-1, RING finger protein 46, Tripartite motif-containing protein 23, TRIM23, ARD1, ARFD1

ing protein RNF1, RING finger protein 46, tripartite motif-containing protein 29, TRIM29, RNF1, RNF1, RNF46

**Molecular Weight(MW)** 64 kDa

**Sequence Similarities** Predicted species reactivity based on immunogen sequence: Mouse

## Database Links

**Entrez Gene** 373

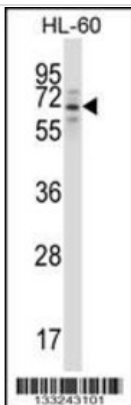
**Protein Accession** P36406

## Application



### Application

TRIM23 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human thyroid tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.



### Application

Western blot analysis in HL-60 cell line lysates (35ug/lane).

**Application Notes** For WB starting dilution is: 1:1000 For IHC-P starting dilution is: 1:10~50:

## Additional Information

**Form** Liquid

**Storage Instructions** Store at 4 °C for three months and -20 °C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Storage Buffer** Supplied in PBS with 0.09% (W/V) sodium azide.

**Note** The product is for research use only, not for use in diagnostic or therapeutic procedures.

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