



Catalog: OM294019

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# TRIM23 Antibody

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☐ 100ug

## Product profile

Product name	TRIM23 Antibody
Antibody Type	Primary Antibodies
Product description	<p>TRIM23 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. 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>) Vichi, A., (2005) Proc. Natl. Acad. Sci. U. S.A. 102 (6), 1945-1950 .</p>
Immunogen	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TRIM 23.

## Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Applications	ELISA ,WB
Species Reactivity	Human Mouse Rat
Concentration	1 mg/ml
Formulation	100% BSA, 0.05% BSA, 0.05% BSA

Purification Affinity purified

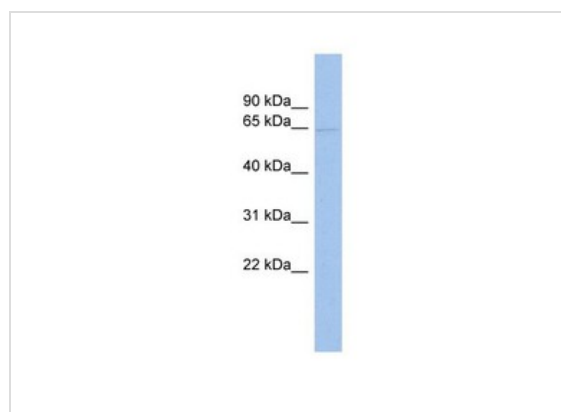
## Target Information

Gene Symbol	TRIM23
Alternative Names	TRIM23, ARD1, ARFD1, RNF46
Molecular Weight(MW)	61 kDa

## Database Links

Entrez Gene	373
Protein Accession	NP_150231

## Application



### Application

Antibody used in WB on Human Spleen at 0.2-1 ug/ml.

**Positive Control** 1) Cat. No. XBL-10422 - Fetal Spleen Tissue Lysate

**Application Notes** TRIM23 antibody can be used for detection of TRIM23 by ELISA at 1:62500. TRIM23 antibody can be used for detection of TRIM23 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.:

## Additional Information

Form	Liquid
Storage Instructions	For short periods of storage (days) store at 4 °C. For longer periods of storage, store TRIM23 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
Storage Buffer	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt

