

# Immunotag™ TRIM23 Antibody

Antibody Specification	
Catalog No.	ITA9292
Product Description	Immunotag™ TRIM23 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TRIM23
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TRIM23
Specificity	TRIM23 Antibody detects endogenous levels of total TRIM23
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TRIM23
Accession No.	P36406
Alternate Names	ADP ribosylation factor domain protein 1; ADP-ribosylation factor domain-containing protein 1; ARF domain protein 1; ARFD1; E3 ubiquitin-protein ligase TRIM23; GTP binding protein ARD 1; GTP-binding protein ARD-1; N-acetyltransferase ARD1 human homolog of; N-acetyltransferase homolog of S. cerevisiae ARD1; RING finger protein 46; TRI23_HUMAN; TRIM23; Tripartite motif protein TRIM23; Tripartite motif-containing protein 23;

## Antibody Specification

Description	Acts as an E3 ubiquitin-protein ligase. Plays an essential role in autophagy activation during viral infection. Mechanistically, activates TANK-binding kinase 1/TBK1 by facilitating its dimerization and ability to phosphorylate the selective autophagy receptor SQSTM1. In order to achieve this function, TRIM23 mediates 'Lys-27'-linked auto-ubiquitination of its ADP-ribosylation factor (ARF) domain to induce its GTPase activity and its recruitment to autophagosomes (PubMed:28871090).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	64 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.