

## TRIM23 Rabbit mAb

Catalog No: #52631

Package Size: #52631-1 50ul #52631-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

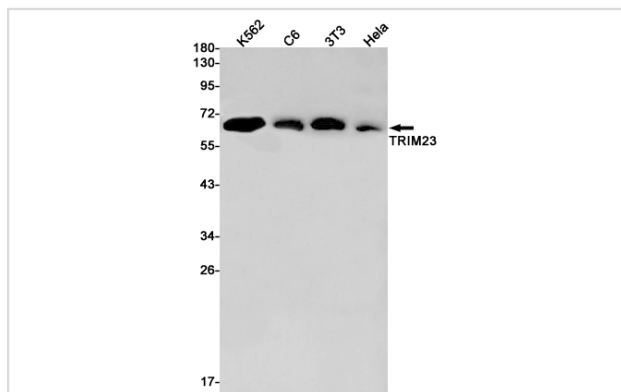
## Description

Product Name	TRIM23 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S09-4K7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human TRIM23
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ARD1; ARFD1; RNF46
Accession No.	Swiss-Prot:P36406GenelD:373
Calculated MW	Calculated MW: 64 kDa; Observed MW: 64 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/2000-1/10000

## Images



Western blot detection of TRIM23 in K562, C6, 3T3, HeLa cell lysates using TRIM23 Rabbit mAb(1:1000 diluted). Predicted band size: 64kDa. Observed band size: 64kDa.

## Background

Swiss-Prot Acc.P36406. 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).

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.