

## Product datasheet for **TA385462**

### TRIM23 Rabbit Monoclonal Antibody [Clone ID: R09-4K7]

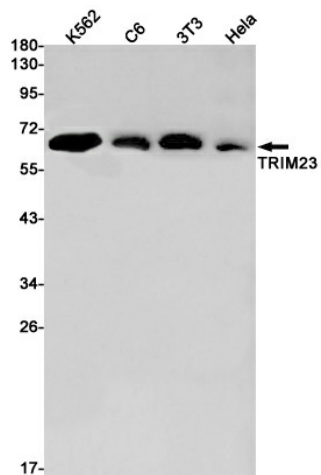
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R09-4K7
Applications:	WB
Recommended Dilution:	WB: 1/2000-1/10000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human TRIM23
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 64 kDa; Observed MW: 64 kDa
Gene Name:	tripartite motif containing 23
Database Link:	<a href="#">Entrez Gene 373 Human P36406</a>
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).
Synonyms:	ARD1; ARFD1; RNF46



[View online »](#)

## Product images:



Western blot analysis of TRIM23 in K562, C6, 3T3, HeLa lysates using TRIM23 antibody.