TRIM39 Mouse mAb

Catalog No	YP-mAb-18607
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	TRIM39 RNF23 TFP
Protein Name	E3 ubiquitin-protein ligase TRIM39 (RING finger protein 23) (Testis-abundant finger protein) (Tripartite motif-containing protein 39)
Immunogen	Synthesized peptide derived from human TRIM39
Specificity	This antibody detects endogenous levels of TRIM39 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	57kD
Cell Pathway	[Isoform 1]: Cytoplasm, cytosol . Mitochondrion . Nucleus . Found predominantly in the cytosol. Partial shift from the cytosol to the mitochondria when colocalized with MOAP1. Colocalizes with CDKN1A in the nucleus. .; [Isoform 2]: Nucleus . Colocalizes with CDKN1A in the nucleus. .
Tissue Specificity	Ubiquitous; highly expressed in brain, heart, kidney, liver, skeletal muscle, spleen and testis.
Function	[Isoform 1]: E3 ubiquitin-protein ligase . May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly-ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1 . Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 . Positively regulates CDKN1A/p21 stability by competing with DTL for CDKN1A/p21 binding, therefore disrupting DCX(DTL) E3 ubiquitin ligase complex-mediated CDKN1A/p21 ubiquitination and degradation . ; [Isoform 2]: Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 . Positively regulates CDKN1A/p21 stability by competing with DTL for CDKN1A/p21 binding, therefore disrupting DCX(DTL) E3 ubiquitin ligase complex-mediated CDKN1A/p21 ubiquitination and degradation . Negatively regulates the canonical NF-kappa-B signaling pathway via stabilization of CACTIN in an ubiquitination-independent manner .

Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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