

Anti-RNF5 antibody



Description	Unconjugated Rabbit polyclonal to RNF5
Model	STJ190793
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	6048
Gene Symbol	RNF5
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	RNF5 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed.
Purification	RNF5 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase RNF5 Protein G16 RING finger protein 5 RING-type E3 ubiquitin transferase RNF5 Ram1 homolog HsRma1
Molecular Weight	19 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:100680MIM:602677
Alternative Names	E3 ubiquitin-protein ligase RNF5 Protein G16 RING finger protein 5 RING-type E3 ubiquitin transferase RNF5 Ram1 homolog HsRma1
Function	Has E2-dependent E3 ubiquitin-protein ligase activity. May function together with E2 ubiquitin-conjugating enzymes UBE2D1/UBCH5A and UBE2D2/UBC4. Mediates ubiquitination of PXN/paxillin and Salmonella type III secreted protein sopA. May be involved in regulation of cell motility and localization of PXN/paxillin. Mediates the 'Lys-63'-linked polyubiquitination of JKAMP thereby regulating JKAMP function by decreasing its association with components of the proteasome and ERAD; the ubiquitination appears to involve E2 ubiquitin-conjugating enzyme UBE2N. Mediates the 'Lys-48'-linked polyubiquitination of TMEM173 at 'Lys-150' leading to its proteasomal degradation; the ubiquitination occurs in mitochondria after viral transfection and regulates antiviral responses.
Cellular Localization	Membrane. Multi-pass membrane protein. Mitochondrion membrane. Endoplasmic reticulum membrane. Predominantly located in the plasma membrane, with some localization occurring within cytoplasmic organelles.

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