

Mouse RNF4 Monoclonal Antibody | anti-RNF4 antibody

RNF4 Antibody

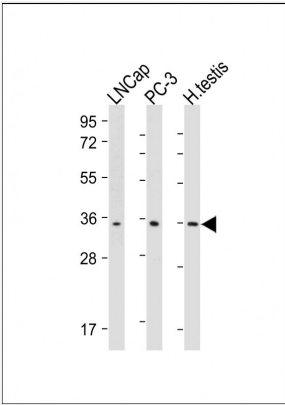
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290924	Mouse	Human Predicted Species Reactivity: Human	ELISA, Western Blot

PRODUCT SYNONYMS

RNF4; Monoclonal Antibody; RNF4 Antibody; E3 ubiquitin-protein ligase RNF4; 6.3.2.-; RING finger protein 4; Small nuclear ring finger protein; Protein SNURF; SNURF; anti-RNF4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Predicted Species Reactivity: Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	2055CT191.101.249
Specificity	This RNF4 antibody is generated from a mouse immunized with a recombinant protein from the human region of human RNF4.
Purity/Purification	Purified through a protein G column, followed by dialysis against PBS.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	190
Applicable Applications for anti-RNF4 antibody	ELISA, WB (Western Blot)
Cellular Location	Cytoplasm. Nucleus. Nucleus, PML body
Tissue Location	Widely expressed at low levels in many tissues; highly expressed in testis.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Dilution: WB - 1:2000All lanes: Anti-RNF4 Antibody at 1:2000 dilution Lane 1: LNCap whole cell lysate Lane 2: PC-3 whole cell lysate Lane 3: Human testis tissue lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RNF4 antibody	E3 ubiquitin-protein ligase which binds polysumoylated chains covalently attached to proteins and mediates 'Lys-6'-, 'Lys-11'-, 'Lys-48'- and 'Lys-63'-linked polyubiquitination of those substrates and their subsequent targeting to the proteasome for degradation. Regulates the degradation of several proteins including PML and the transcriptional activator PEA3. Involved in chromosome alignment and spindle assembly, it regulates the kinetochore CENPH-CENPI-CENPK complex by targeting polysumoylated CENPI to proteasomal degradation. Regulates the cellular responses to hypoxia and heat shock through degradation of respectively EPAS1 and PARP1. Alternatively, it may also bind DNA/nucleosomes and have a more direct role in the regulation of transcription for instance enhancing basal transcription and steroid receptor- mediated transcriptional activation.
Product Categories/Family for anti-RNF4 antibody	Crown Antibodies
References	Hadano S.,et al.DNA Res. 5:177-186(1998). Chiariotti L.,et al.Genomics 47:258-265(1998). Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Fedele M.,et al.J. Biol. Chem. 275:7894-7901(2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	2565164
NCBI GeneID	6047
UniProt Accession #	P78317
Molecular Weight	21319
NCBI Official Full Name	RNF4
NCBI Official Synonym Full Names	ring finger protein 4
NCBI Official Symbol	RNF4
NCBI Official Synonym Symbols	SLX5; SNURF; RES4-26
NCBI Protein Information	E3 ubiquitin-protein ligase RNF4
UniProt Protein Name	E3 ubiquitin-protein ligase RNF4
UniProt Gene Name	RNF4
UniProt Synonym Gene Names	SNURF; Protein SNURF
UniProt Entry Name	RNF4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/rmf4-antibody-clone-2055ct191-101-249-western-blot-elisa/290924>