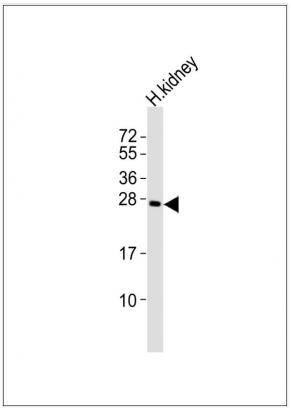
RNF4 Antibody – Rabbit Polyclonal

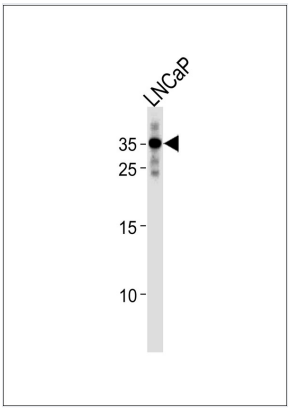
PRODUCT OVERVIEW

Product Name	RNF4, Polyclonal Antibody
Full Product Name	RNF4 Antibody (C-term)
Product Gene Name	anti-RNF4 antibody
Product Synonym Names	E3 ubiquitin-protein ligase RNF4; 632-; RING finger protein 4; Small nuclear ring finger protein; Protein SNURF; RNF4; SNURF
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This RNF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-123 amino acids from the C-terminal region of human RNF4.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	RNF4 peptide (MBS9221580) is used for blocking the activity of RNF4 antibody (MBS9206870)
Molecular Weight	21319
Immunogen Sequence Positions	95-123
OMIM	602850
3D Structure	ModBase 3D Structure for P78317
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Product Categories/Family for anti-RNF4 antibody	Crown Antibodies
Applications Tested/Suitable for anti-RNF4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RNF4 antibody	WB~~1:1000

Related Product Information for anti-RNF4 antibody	The protein encoded by this gene contains a RING finger motif and acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis. A pseudogene of this gene is found on chromosome 1.
Product References and Citations for anti-RNF4 antibody	Hu, X.V., et al. Proc. Natl. Acad. Sci. U.S.A. 107(34):15087-15092(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Salonen, J., et al. Mol. Cell. Endocrinol. 307 (1-2), 205-210 (2009) : Percherancier, Y., et al. J. Biol. Chem. 284(24):16595-16608(2009) Tatham, M.H., et al. Nat. Cell Biol. 10(5):538-546(2008)
Other Notes	Small volumes of anti-RNF4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RNF4 purchase	MBS9206870 is an antibody targeting RNF4. Also known as RNF4 Antibody (C-term). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RNF4 antibody
Anti-RNF4 Antibody (C-term)at 1:2000 dilution + human kidney lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 21 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Western Blot (WB) of anti-RNF4 antibody
RNF4 Antibody (C-term) western blot analysis in LNCaP cell line lysates (35ug/lane).This demonstrates the RNF4 antibody detected the RNF4 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RNF4. It may not necessarily be applicable to this product.

NCBI GI #	297139777
NCBI GeneID	6047
NCBI Accession #	NP_001171938.1
NCBI Related Accession #	NP_001171939.1; NP_002929.1
UniProt Primary Accession #	P78317
UniProt Secondary Accession #	Q49AR8; B2R6D6; D6RF58
UniProt Related Accession #	P78317
GenBank Nucleotide #	NM_001185009.2
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF4 isoform 1
NCBI Official Synonym Full Names	ring finger protein 4

NCBI Official Symbol	RNF4
NCBI Official Synonym Symbols	SLX5; SNURF; RES4-26
UniProt Protein Name	E3 ubiquitin-protein ligase RNF4
UniProt Synonym Protein Names	RING finger protein 4; Small nuclear ring finger protein; Protein SNURF
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	RNF4
UniProt Synonym Gene Names	SNURF; Protein SNURF
UniProt Entry Name	RNF4_HUMAN
NCBI Protein Information	E3 ubiquitin-protein ligase RNF4
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