

Rabbit anti-Human, mouse Rnf2 Polyclonal Antibody | anti-Rnf2 antibody

(Mouse) Rnf2 Antibody (Center)

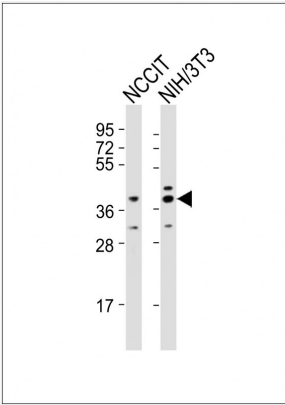
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290364	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

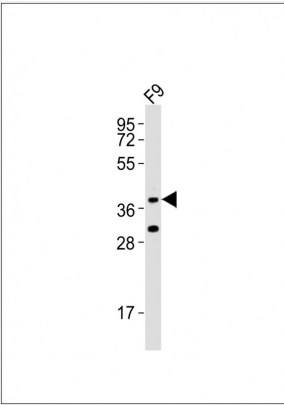
Rnf2; Polyclonal Antibody; (Mouse) Rnf2 Antibody (Center); E3 ubiquitin-protein ligase RING2; 632-; RING finger protein 1B; RING1b; RING finger protein 2; DinG; Ring1b; anti-Rnf2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This mouse Rnf2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 165-199 amino acids from the Central region of mouse Rnf2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	336
Applicable Applications for anti-Rnf2 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
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.



WB (Western Blot)
All lanes : Anti-Rnf2 Antibody (Center) at 1:2000 dilution
Lane 1: NCCIT whole cell lysates
Lane 2: NIH/3T3 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 38 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-Rnf2 Antibody (Center) at 1:1000 dilution + F9 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 38 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Rnf2 antibody	E3 ubiquitin-protein ligase that mediates monoubiquitination of 'Lys-119' of histone H2A (H2AK119Ub), thereby playing a central role in histone code and gene regulation. H2AK119Ub gives a specific tag for epigenetic transcriptional repression and participates in X chromosome inactivation of female mammals. May be involved in the initiation of both imprinted and random X inactivation. Essential component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, rendering chromatin heritably changed in its expressibility. E3 ubiquitin-protein ligase activity is enhanced by BMI1/PCGF4. Acts as the main E3 ubiquitin ligase on histone H2A of the PRC1 complex, while RING1 may rather act as a modulator of RNF2/RING2 activity. Association to the chromosomal DNA is cell-cycle dependent. In resting B- and T-lymphocytes, interaction with AURKB leads to block its activity, thereby maintaining transcription in resting lymphocytes.
Product Categories/Family for anti-Rnf2 antibody	Crown Antibodies
References	Schoorlemmer J.,et al.EMBO J. 16:5930-5942(1997). Carninci P.,et al.Science 309:1559-1563(2005). Ebert L.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Garcia E.,et al.EMBO J. 18:3404-3418(1999). Suzuki M.,et al.Development 129:4171-4183(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33563274
NCBI GeneID	19821
NCBI Accession #	NP_035407.1
NCBI GenBank Nucleotide #	NM_011277.2
UniProt Accession #	Q9CQJ4; O35699; O35729; Q4FJV5; Q8C1X8
Molecular Weight	37623
NCBI Official Full Name	E3 ubiquitin-protein ligase RING2
NCBI Official Synonym Full Names	ring finger protein 2
NCBI Official Symbol	Rnf2

NCBI Official Synonym Symbols	dinG; Ring1B; AI326319; AI450156; AU019207
NCBI Protein Information	E3 ubiquitin-protein ligase RING2
UniProt Protein Name	E3 ubiquitin-protein ligase RING2
UniProt Gene Name	Rnf2
UniProt Synonym Gene Names	DinG; Ring1b; RING1b
UniProt Entry Name	RING2_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rnf2-antibody-western-blot-elisa/290364>