

Rabbit RING1 Polyclonal Antibody | anti-RING1 antibody

Anti-RING1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254588	Rabbit	HumanPredicted to React with: Mouse, Rat, Rhesus (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Western Blot

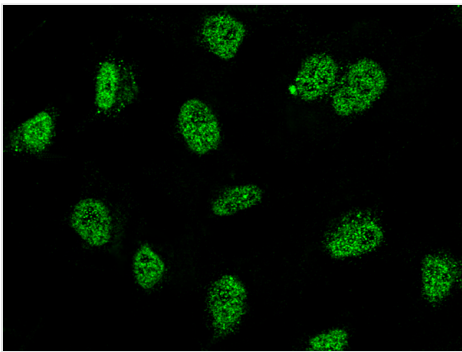
PRODUCT SYNONYMS

RING1; Polyclonal Antibody; Anti-RING1 Antibody; Rabbit Polyclonal; RING1 Antibody; Rabbit PAb; Antigen Affinity Purified; ring finger protein 1; Anti-RING1A Antibody; Anti-RNF1 Antibody; anti-RING1 antibody

PRODUCT SPECIFICATIONS

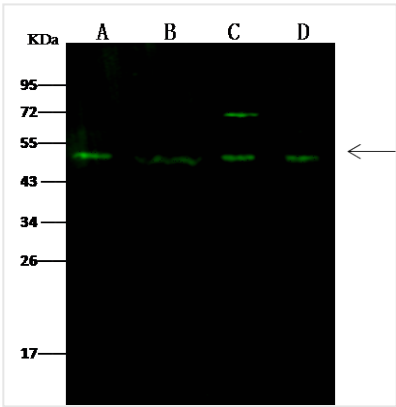
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat, Rhesus (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RING1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-RING1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human RING1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human RING1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of RING1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human RING1 polyclonal antibody (dilution ratio: 1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to nucleus.



WB (Western Blot)

Anti-RING1 rabbit polyclonal antibody at 1:500 dilution Lane A: MOLT4 Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: NIH3T3 Whole Cell Lysate Lane D: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 42 kDa Observed band size: 50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RING1 antibody

RING1 is an E3-ubiquitin ligase that is involved in epigenetic control of transcription during development. It is a component of the polycomb repressive complex 1, and its role in that complex is to ubiquitylate histone H2A. RING1 is a critical negative regulator of p53 homeostasis in human hepatocellular and colorectal carcinomas. RING1 can bind DNA and act as a transcriptional repressor, play an important role in the aggressive phenotype in melanoma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110053
NCBI GeneID	6015
UniProt Accession #	Q06587; Q5JP96; Q5SQW2; Q86V19; A8JZZ0
Molecular Weight	406
NCBI Official Full Name	E3 ubiquitin-protein ligase RING1
NCBI Official Synonym Full Names	ring finger protein 1
NCBI Official Symbol	RING1
NCBI Official Synonym Symbols	RNF1; RING1A
NCBI Protein Information	E3 ubiquitin-protein ligase RING1; polycomb complex protein RING1; really interesting new gene 1 protein
UniProt Protein Name	E3 ubiquitin-protein ligase RING1
UniProt Gene Name	RING1
UniProt Synonym Gene Names	RNF1
UniProt Entry Name	RING1_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.