

Rabbit anti-Human, Mouse COP1/RFWD2 Polyclonal Antibody | anti-COP1/RFWD2 antibody

Rabbit anti-COP1/RFWD2 Antibody, Affinity Purified

CATALOG # AAA211201	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

COP1/RFWD2; Polyclonal Antibody; Rabbit anti-COP1/RFWD2 Antibody; Affinity Purified; RFWD2; RING-type E3 ubiquitin transferase RFWD2; RNF200; RING finger protein 200; RING finger and WD repeat domain protein 2; ring finger and WD repeat domain 2; E3 ubiquitin protein ligase; hCOP1; E3 ubiquitin-protein ligase RFWD2; E3 ubiquitin-protein ligase COP1; constitutive photomorphogenic protein 1; constitutive photomorphogenesis protein 1 homolog; putative ubiquitin ligase COP1; COP1; E3 ubiquitin ligase; anti-COP1/RFWD2 antibody

PRODUCT SPECIFICATIONS

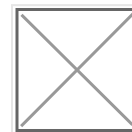
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-COP1/RFWD2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse COP1/RFWD2 by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1 and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-COP1/RFWD2 antibody (AAA211201 lot 4) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



WB (Western Blot)

Detection of human COP1/RFWD2 by western blot. Samples: Whole cell lysate (50 ug) from Hep-G2, U2OS, K-562, HT-29, and RKO cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-COP1/RFWD2 antibody (AAA211201 lot 4) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human COP1/RFWD2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-COP1/RFWD2 antibody (AAA211201 lot 4) used for IP at 6 ug per reaction. COP1/RFWD2 was also immunoprecipitated by a previous lot of this antibody (AAA211201 lot 3) and a second antibody against a different epitope of COP1/RFWD2 . For blotting immunoprecipitated COP1/RFWD2, AAA211201 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-COP1/RFWD2 antibody	Constitutive photomorphogenic protein 1 (COP1) has been characterized in plants as a RING-finger-containing protein that functions to repress plant photomorphogenesis. In mammals, COP1 has been identified as an E3 ubiquitin ligase that negatively regulates p53 protein levels in unstressed cells. In response to DNA damage COP1 is phosphorylated by the ataxia telangiectasia mutated (ATM) protein kinase and is rapidly degraded releasing p53 to exert its tumor suppressor activities.
Product Categories/Family for anti-COP1/RFWD2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359963
NCBI GeneID	64326
NCBI Accession #	NP_071902.2
NCBI GenBank Nucleotide #	NM_022457.6
UniProt Accession #	Q8NHY2; Q504W6; Q6H103; Q9H6L7; E9PKI0; X5D9B4
Molecular Weight	14,914 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase RFWD2 isoform a
NCBI Official Synonym Full Names	ring finger and WD repeat domain 2
NCBI Official Symbol	RFWD2
NCBI Official Synonym Symbols	COP1; RNF200
NCBI Protein Information	E3 ubiquitin-protein ligase RFWD2
UniProt Protein Name	E3 ubiquitin-protein ligase RFWD2
UniProt Gene Name	RFWD2
UniProt Synonym Gene Names	COP1; RNF200; hCOP1
UniProt Entry Name	RFWD2_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.