

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

RFWD2 Antibody

CATALOG # AAA310455	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

RFWD2; Polyclonal Antibody; RFWD2 Antibody; COP1; RNF200; anti-RFWD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total RFWD2 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1mg/ml (varies by lot)
Sequence Length	731
Applicable Applications for anti-RFWD2 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human RFWD2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46659(RFWD2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46659(RFWD2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-RFWD2 antibody	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Involved in JUN ubiquitination and degradation. Directly involved in p53 (TP53) ubiquitination and degradation, thereby abolishing p53-dependent transcription and apoptosis. Ubiquitinates p53 independently of MDM2 or RCHY1. Probably mediates E3 ubiquitin ligase activity by functioning as the essential RING domain subunit of larger E3 complexes. In contrast, it does not constitute the catalytic RING subunit in the DCX DET1-COP1 complex that negatively regulates JUN, the ubiquitin ligase activity being mediated by RBX1. Involved in 14-3-3 protein sigma/SFN ubiquitination and proteasomal degradation, leading to AKT activation and promotion of cell survival. Ubiquitinates MTA1 leading to its proteasomal degradation.
Product Categories/Family for anti-RFWD2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359963
NCBI GeneID	64326
NCBI Accession #	NP_071902
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	COP1, E3 ubiquitin ligase
NCBI Official Symbol	COP1
NCBI Official Synonym Symbols	RFWD2; 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

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://stage.aaabiotech.com/polyclonal/rfwd2-antibody-immunohistochemistry-elisa/310455>