

Rabbit anti-Human RFWD3 Polyclonal Antibody | anti-RFWD3 antibody

RFWD3 Polyclonal Antibody

CATALOG # AAA295716	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

RFWD3; Polyclonal Antibody; RFWD3 Polyclonal Antibody; RNF201; E3 ubiquitin-protein ligase RFWD3; RING finger and WD repeat domain-containing protein 3; RING finger protein 201; anti-RFWD3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-RFWD3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-RFWD3 antibody	E3 ubiquitin-protein ligase required for the repair of DNA interstrand cross-links (ICL) in response to DNA damage (PubMed:21558276, PubMed:26474068, PubMed:28575657, PubMed:28575658). Plays a key role in RPA-mediated DNA damage signaling and repair (PubMed:21558276, PubMed:26474068, PubMed:28575657, PubMed:28575658, PubMed:28691929). Acts by mediating ubiquitination of the RPA complex (RPA1, RPA2 and RPA3 subunits) and RAD51 at stalled replication forks, leading to remove them from DNA damage sites and promote homologous recombination (PubMed:28575657, PubMed:28575658). Also mediates the ubiquitination of p53/TP53 in the late response to DNA damage, and acts as a positive regulator of p53/TP53 stability, thereby regulating the G1/S DNA damage checkpoint (PubMed:20173098). May act by catalyzing the formation of short polyubiquitin chains on p53/TP53 that are not targeted to the proteasome (PubMed:20173098). In response to ionizing radiation, interacts with MDM2 and enhances p53/TP53 ubiquitination, possibly by restricting MDM2 from extending polyubiquitin chains on ubiquitinated p53/TP53 (PubMed:20173098).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71143112
NCBI GeneID	55159
NCBI Accession #	NP_060594.3

NCBI GenBank Nucleotide #	NM_018124.3
UniProt Accession #	Q6PCD5; Q5XKR3; Q9H9Q3; Q9NVT4; A8K585; B2RE35; D3DUJ8
Molecular Weight	85,094 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase RFWD3
NCBI Official Synonym Full Names	ring finger and WD repeat domain 3
NCBI Official Symbol	RFWD3
NCBI Official Synonym Symbols	RNF201
NCBI Protein Information	E3 ubiquitin-protein ligase RFWD3; RING finger protein 201; RING finger and WD repeat domain-containing protein 3
UniProt Protein Name	E3 ubiquitin-protein ligase RFWD3
UniProt Gene Name	RFWD3
UniProt Synonym Gene Names	RNF201
UniProt Entry Name	RFWD3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rfwd3-antibody-immunohistochemistry-western-blot-elisa/295716>