Anti-RFWD2 antibody

Cat. No.	ml263495
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-RFWD2 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human RFWD2
Reactivity	Human, Mouse
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	RFWD2
Full name	ring finger and WD repeat domain 2
Synonyms	COP1; RNF200
Swissprot	Q8NHY2

Target Background

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.
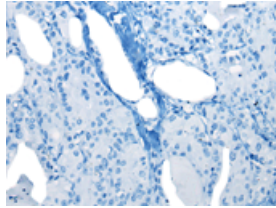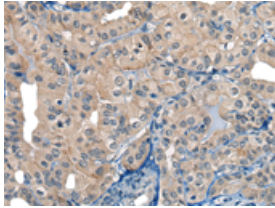
订购热线: 4008-898-798

Applications
Immunohistochemistry

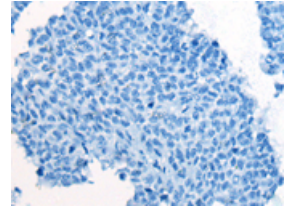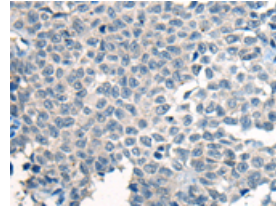|	
Predicted cell location: Cytoplasm	Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer	Positive control: Human ovarian cancer
Recommended dilution: 20-100	Recommended dilution: 20-100

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml263495(RFWD2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml263495(RFWD2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA
Recommended dilution: 5000-10000

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