

兔抗 COP1 多克隆抗体

中文名称：兔抗 COP1 多克隆抗体

英文名称： Anti-COP1 rabbit polyclonal antibody

别名： COP1 E3 ubiquitin ligase; RFWD2; RNF200

相关类别： 一抗

抗原： COP1

储存： 冷冻（-20℃）

宿主： Rabbit

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

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. Upon binding to TRIB1, ubiquitinates CEBPA, which lacks a canonical COP1-binding motif (Probable).
Applications:	ELISA, IHC
Name of antibody:	COP1
Immunogen:	Synthetic peptide of human COP1
Full name:	COP1 E3 ubiquitin ligase
Synonyms:	RFWD2; RNF200
SwissProt:	Q8NHY2
IHC positive control:	Human liver cancer and Human thyroid cancer
IHC Recommend dilution:	20-100



