

兔抗 CUL4A 多克隆抗体

中文名称：兔抗 CUL4A 多克隆抗体

英文名称：Anti-CUL4A rabbit polyclonal antibody

相关类别：一抗

储 存：冷冻（-20℃）

宿 主：Rabbit

抗 原：CUL4A

反应种属：Human, Mouse

标 记 物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins. Core component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. As a scaffold protein may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The E3 ubiquitin-protein ligase activity of the complex is dependent on the neddylation of the cullin subunit and is inhibited by the association of the deneddylated cullin subunit with TIP120A/CAND1. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition component. DCX(DET1-COP1) directs ubiquitination of JUN. DCX(DDB2) directs ubiquitination of XPC. In association with

	RBX1, DDB1 and DDB2 is required for histone H3 and histone H4 ubiquitination in response to ultraviolet and may be important for subsequent DNA repair. DCX(DTL) plays a role in PCNA-dependent polyubiquitination of CDT1 and MDM2-dependent ubiquitination of TP53 in response to radiation-induced DNA damage and during DNA replication.
Applications:	ELISA, WB
Name of antibody:	CUL4A
Immunogen:	Synthetic peptide of humanCUL4A
Full name:	cullin 4A
SwissProt:	Q13619
ELISA Recommended dilution:	2000-5000
WB Predicted band size:	88 kDa
WB Positive control:	Human fetal muscle and fetal brain tissue, HeLa cells
WB Recommended dilution:	500-2000

