

## 兔抗 CUL1 多克隆抗体

- 中文名称: 兔抗 CUL1 多克隆抗体
- 英文名称: Anti-CUL1 rabbit polyclonal antibody
- 抗 原: CUL1
- 储 存: 冷冻 (-20℃)
- 宿 主: Rabbit
- 反应种属: Human, Mouse
- 相关类别: 一抗
- 标记物: Unconjugate
- 克隆类型: rabbit polyclonal

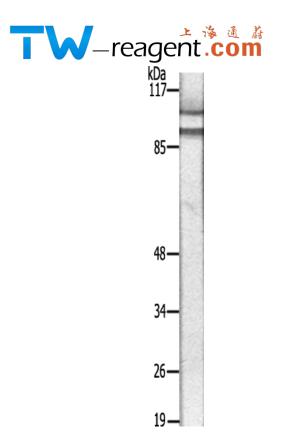
## 技术规格

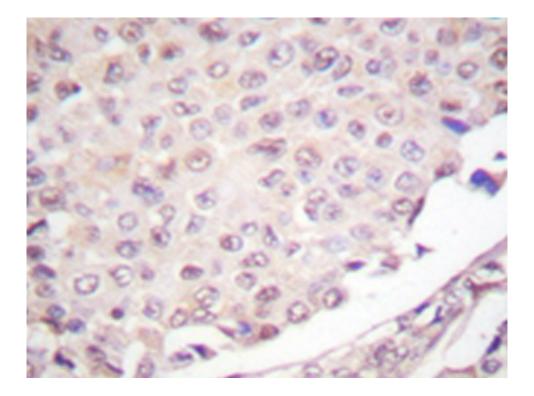
Background:	Core component of multiple cullin-RING-based SCF (SKP 1-CUL1-F-box protein) E3 ubiquitin-protein ligase compl exes, which mediate the ubiquitination of proteins invol ved in cell cycle progression, signal transduction and tr anscription. In the SCF complex, serves as a rigid scaffol d that organizes the SKP1-F-box protein and RBX1 subu nits. May contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. Th e E3 ubiquitin-protein ligase activity of the complex is dependent on the neddylation of the cullin subunit and exchange of the substrate recognition component is me diated by TIP120A/CAND1. The functional specificity of the SCF complex depends on the F-box protein as subs trate recognition component. SCF(BTRC) and SCF(FBXW1 1) direct ubiquitination of CTNNB1 and participate in W nt signaling. SCF(FBXW11) directs ubiquitination of phos
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	phorylated NFKBIA. SCF(BTRC) directs ubiquitination of NFKBIB, NFKBIE, ATF4, SMAD3, SMAD4, CDC25A, FBXO5 and probably NFKB2. SCF(SKP2) directs ubiquitination of phosphorylated CDKN1B/p27kip and is involved in regul ation of G1/S transition. SCF(SKP2) directs ubiquitination of ORC1, CDT1, RBL2, ELF4, CDKN1A, RAG2, FOXO1A, a nd probably MYC and TAL1. SCF(FBXW7) directs ubiquiti nation of cyclin E, NOTCH1 released notch intracellular domain (NICD), and probably PSEN1. SCF(FBXW2) direct s ubiquitination of GCM1. SCF(FBXO32) directs ubiquitin ation of MYOD1. SCF(FBXO7) directs ubiquitination of BI RC2 and DLGAP5. SCF(FBXO33) directs ubiquitination of YBX1. SCF(FBXO1) directs ubiquitination of TP53. S CF(BTRC) mediates the ubiquitination of NFKBIA at 'Lys- 21' and 'Lys-22'; the degradation frees the associated N FKB1-RELA dimer to translocate into the nucleus and to activate transcription. SCF(CCNF) directs ubiquitination of CCP110. SCF(FBXL3) and SCF(FBXC21) direct ubiquitination of TTI1 and TELO2. SCF(FBXO10) directs ubiquitination of TTI1 and TELO2. SCF(FBXO10) directs ubiquitination of f BCL2.
Applications:	ELISA, IHC
Name of antibody:	CUL1
Immunogen:	Synthetic peptide of human CUL1
Full name:	cullin 1
SwissProt:	Q13616
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human tonsil and Human thyroid cancer
IHC Recommend dilution:	25-100





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