

CUL 2 (4Z10) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01668

Product information

产品货号	HZ-YMA01668
别名	CUL2;Cullin-2;CUL-2
产品名称	CUL 2 (4Z10) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CUL2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	8453
Human Swissprot No.	Q13617
稀释度	IHC-P 1:200-1:1000;WB 1:5000-1:20000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200
参考分子量	85-90kDa
预测分子量	87kDa
运输及保存条件	Biological ice bag transportation. Store at -20℃ for at least 12 months(Do not lower than -25℃). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	function:Core component of multiple cullin-RING-based ECS (ElonginB/C-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complexes , which mediate the ubiquitination of target proteins. May serve as a rigid scaffold in the complex and 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 (By similarity) . The functional specificity of the ECS complex depends on the substrate recognition component. ECS (VHL) mediates the ubiquitination of hypoxia-inducible factor (HIF) , pathway:Protein modification; protein ubiquitination. ,PTM:CBC (VHL) complex formation seems to promote neddylation. Deneddylation via its interaction with the COP9 signalosome (CSN) complex. ,similarity:Belongs to the cullin family. ,subunit:Component of multiple ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complexes formed of CUL2 , Elongin BC (TCEB1 and TCEB2) , RBX1 and a variable substrate-specific adapter. Component of the ECS (VHL) or CBC (VHL) complex containing VHL. Component of the ECS (MED8) complex with the probable substrate recognition component MED8 (By similarity) . Component of the ECS (PPIL5) complex with the probable substrate recognition component PPIL5. Component of a probable ECS E3 ubiquitin-protein ligase complex containing CUL2 , RBX1 , TCEB1 , TCEB2 and FEM1B. Part of an E3 ubiquitin-protein ligase complex including ZYG11B , CUL2 and Elongin BC. Part of an E3 ubiquitin-protein ligase complex including ZYG11BL , CUL2 and Elongin BC.Interacts with RBX1 , RNF7 , FEM1B and TIP120A/CAND1. Interacts with COPS2 , and MED8 (By similarity) . Interacts with human respiratory syncytial virus (HRSV) protein NS1. ,
细胞定位	nucleoplasm ,nucleolus ,cytosol ,VCB complex ,cullin-RING ubiquitin ligase complex ,Cul2-RING ubiquitin ligase complex ,
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.

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Product information

Clonality

Monoclonal