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SMURF 2 (YD13586) Rabbit mAb

货号: **AYD15537**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	86kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SW480
细胞定位	Nucleus, Cytoplasm, Cell membrane, Membrane raft
纯化	亲和纯化

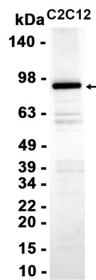
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靶点信息

研究背景	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Interacts with SMAD7 to trigger SMAD7-mediated transforming growth factor beta/TGF-beta receptor ubiquitin-dependent degradation, thereby downregulating TGF-beta signaling. In addition, interaction with SMAD7 activates autocatalytic degradation, which is prevented by interaction with AIMP1. Also forms a stable complex with TGF-beta receptor-mediated phosphorylated SMAD1, SMAD2 and SMAD3, and targets SMAD1 and SMAD2 for ubiquitination and proteasome-mediated degradation. SMAD2 may recruit substrates, such as SNON, for ubiquitin-dependent degradation. Negatively regulates TGFB1-induced epithelial-mesenchymal transition and myofibroblast differentiation.
基因ID	64750
基因名	SMURF2
Swiss	Q9HAU4 (https://www.uniprot.org/uniprotkb/Q9HAU4/entry)
别名	SMURF 2 (YD13586),SMURF 2 (YD13586) Rabbit mAb,SMURF2,HECT-type E3 ubiquitin transferase SMURF 2,SMAD ubiquitination regulatory factor 2,SMAD-specific E3 ubiquitin-protein ligase 2

产品验证



实验步骤

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