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SMURF2 Rabbit mAb

货号: **AYM30993**

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	WB: 1:500 - 1:2000
理论分子量	86kDa
实测分子量	86kDa
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	Cell membrane,Cytoplasm,Membrane raft,Nucleus
纯化	Affinity purification

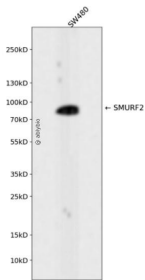
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human SMURF2.
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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
别名	SMURF2, SMURF2 Rabbit mAb, HECT-type E3 ubiquitin transferase SMURF2, SMAD ubiquitination regulatory factor 2, SMAD-specific E3 ubiquitin-protein ligase 2

产品验证



Western blot analysis of SMURF2 expressed in SW480 using SMURF2 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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