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Phospho-Smad2 (Thr8)/Smad3 (Thr8) (YD35937) Rabbit mAb

货号: AYD11145

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP IF
推荐浓度	WB: WB: 1:1000-3000 IP: IP: 1:20-1:50 IF: ICC/IF: 1:50-200
理论分子量	52kDa/48kDa
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	
细胞定位	Cytoplasm, Nucleus
纯化	亲和纯化

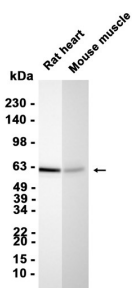
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靶点信息

研究背景	Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD2/SMAD4 complex, activates transcription. Promotes TGFB1-mediated transcription of odontoblastic differentiation genes in dental papilla cells (By similarity). Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator. May act as a tumor suppressor in colorectal carcinoma (PubMed:8752209) Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD3/SMAD4 complex, activates transcription. Also can form a SMAD3/SMAD4/JUN/FOS complex at the AP-1/SMAD site to regulate TGF-beta-mediated transcription. Has an inhibitory effect on wound healing probably by modulating both growth and migration of primary keratinocytes and by altering the TGF-mediated chemotaxis of monocytes. This effect on wound healing appears to be hormone-sensitive. Regulator of chondrogenesis and osteogenesis and inhibits early healing of bone fractures. Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator
基因ID	4087, 4088
基因名	SMAD2, SMAD3
Swiss	Q15796 (https://www.uniprot.org/uniprotkb/Q15796/entry), P84022 (https://www.uniprot.org/uniprotkb/P84022/entry)
别名	Phospho-Smad2 (Thr8)/Smad3 (Thr8) (YD35937),hSMAD3,HSPC193,HST17436,JV15 2,JV15-2,JV152,LDS1 C,LDS3,MAD (mothers against decapentaplegic Drosophila) homolog 3,MAD homolog 3,Mad homolog JV15 2,Mad protein homolog,MAD,mothers against decapentaplegic homolog 3,Mad3,MADH 3,MADH3,MGC60396,Mothers against DPP homolog 3,SMA and MAD related protein 3,SMAD 3,SMAD,SMAD family member 3,Smad3,SMAD3_HUMAN,Drosophila,homolog of,MADR2,hMAD-2,HsMAD2,JV18,JV18-1,JV181,MAD homolog 2,MAD Related Protein 2,Mad-related protein 2,MADH2,MGC22139,MGC34440,Mother against DPP homolog 2,Mothers against decapentaplegic homolog 2,Mothers against decapentaplegic,2,Mothers against DPP homolog 2,OTTHUMP00000163489,Sma and Mad related protein 2,Sma- and Mad-related protein 2 MAD,SMAD 2,SMAD family member 2,SMAD2,SMAD2_HUMAN,Phospho-Smad2 (Thr8)/Smad3 (Thr8) (YD35937) Rabbit mAb

产品验证



实验步骤

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