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Smad2/3 (Phospho Thr8) (YI0741) Rabbit mAb

货号: **AYI1001**

产品信息

反应	Human,Mouse,Rat,Pig
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF IP ICC
推荐浓度	WB: 1:2000-1:10000 IF: 1:200-1:1000 IP: 1:50-1:200 Elisa: 1:5000-1:20000
理论分子量	48kDa
实测分子量	48kD/62kD
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	
纯化	

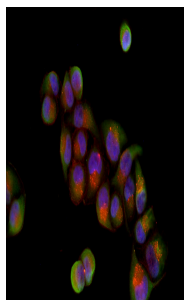
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Smad2/3 (Thr8)
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靶点信息

研究背景	The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein mediates the signal of the transforming growth factor (TGF)-beta, and thus regulates multiple cellular processes, such as cell proliferation, apoptosis, and differentiation. This protein is recruited to the TGF-beta receptors through its interaction with the SMAD anchor for receptor activation (SARA) protein. In response to TGF-beta signal, this protein is phosphorylated by the TGF-beta receptors. The phosphorylation induces the dissociation of this protein with SARA and the association with the family member SMAD 4. The association with SMAD4 is important for the translocation of this protein into the nucleus, where it binds to target promoters and forms a transcription repressor complex with other cofactors. This protein can also be phosphorylated by activin type 1 receptor kinase, and mediates the signal from the activin. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012]
基因ID	4087, 4088
基因名	SMAD2,SMAD3
Swiss	Q15796, P84022
别名	hSMAD3; HSPC193; HST17436; JV15 2; JV15-2; JV152; LDS1C; 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 decapentaplegic homolog 3; Mothers against DPP homolog 3; SMA and MAD related protein 3; SMAD 3; SMAD; SMAD family member 3; SMAD, mothers against DPP homolog 3; Smad3; SMAD3_HUMAN; Drosophila, homolog of, MADR2; hMAD-2; HsMAD2; JV18; JV18-1; JV181; MAD; MAD homolog 2; MAD Related Protein 2; Mad-related protein 2; MADH2; MADR2; MGC22139; MGC34440; Mother against DPP homolog 2; Mothers against decapentaplegic homolog 2; Mothers against decapentaplegic, Drosophila, homolog of, 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; SMAD, mothers against DPP homolog 2; SMAD2; SMAD2_HUMAN;

产品验证



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary AbSmad2/3 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat. The nuclear counter stain is DAPI(blue).

实验步骤

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