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Smad4 Rabbit mAb

货号: **AYM28417**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	65kDa
实测分子量	65kDa
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	293T,HCT116,HepG2,C6,NIH/3T3,Mouse lung
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

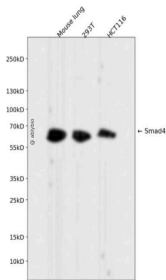
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Smad4.
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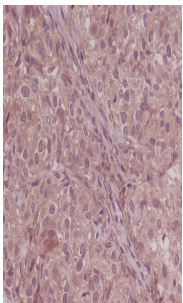
靶点信息

研究背景	This gene encodes a member of the Smad family of signal transduction proteins. Smad proteins are phosphorylated and activated by transmembrane serine-threonine receptor kinases in response to TGF-beta signaling. The product of this gene forms homomeric complexes and heteromeric complexes with other activated Smad proteins, which then accumulate in the nucleus and regulate the transcription of target genes. This protein binds to DNA and recognizes an 8-bp palindromic sequence (GTCTAGAC) called the Smad-binding element (SBE). The Smad proteins are subject to complex regulation by post-translational modifications. Mutations or deletions in this gene have been shown to result in pancreatic cancer, juvenile polyposis syndrome, and hereditary hemorrhagic telangiectasia syndrome. [provided by RefSeq, Oct 2009]
基因ID	4089
基因名	SMAD4
Swiss	Q13485 (https://www.uniprot.org/uniprotkb/Q13485/entry)
别名	Smad4, Deleted in pancreatic carcinoma locus 4, Deletion target in pancreatic carcinoma 4, DPC 4, DPC4, hSMAD4, JIP, MAD homolog 4, MAD mothers against decapentaplegic Drosophila homolog 4, MAD mothers against decapentaplegic homolog 4, MADH 4, MADH4, Med, Medea, Mothers against decapentaplegic homolog 4, Mothers against decapentaplegic, Drosophila, homolog of, 4, Mothers against DPP homolog 4, MYHRS, OTT HUMP00000163548, SMA- and MAD-related protein 4, SMAD 4, SMAD family member 4, SMAD mothers against DPP homolog 4, SMAD4_HUMAN, Smad4 Rabbit mAb

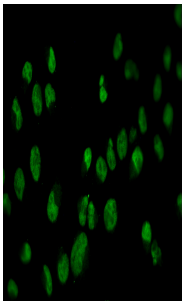
产品验证



Western blot analysis of Smad4 expressed in Mouse lung, 293T, HCT116 using Smad4 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.



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Smad4 Antibody.



Immunofluorescence analysis of HeLa cells labelling Smad4 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubated with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

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