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Smad3 Rabbit mAb

货号: **AYM28425**

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	25kDa/35kDa/43kDa/48kDa
实测分子量	58kDa
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	HT-1080,HCT116,Mouse brain,Rat brain
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

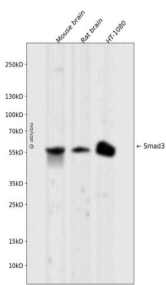
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Smad3.
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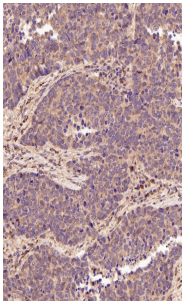
靶点信息

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 functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.
基因ID	4088
基因名	SMAD3
Swiss	P84022 (https://www.uniprot.org/uniprotkb/P84022/entry)
别名	Smad3,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 DPP homolog 3,SMA and MAD related protein 3,SMAD 3,SMAD,SMAD family member 3,SMAD3_HUMAN,Smad3 Rabbit mAb

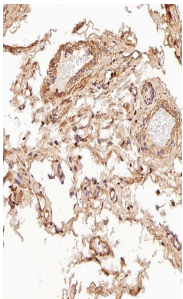
产品验证



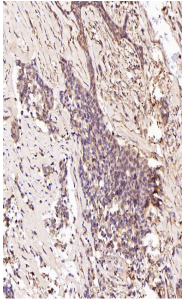
Western blot analysis of Smad3 expressed in Mouse brain, Rat brain, HT-1080 using Smad3 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



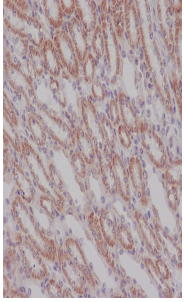
Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:500 dilution.



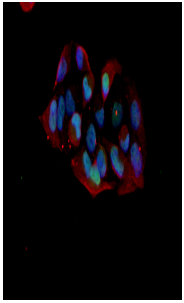
Immunohistochemical analysis of paraffin-embedded Human testis cancer, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded Human breast cancer, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded mouse kidney, using Smad3 Antibody.



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 Ab Smad3 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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