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# Phospho-Smad3 (S423 + S425) Rabbit mAb

货号: **AYM28638**

## 产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	25kDa/35kDa/43kDa/48kDa
实测分子量	55kDa
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

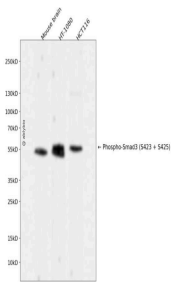
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Smad3 (S423 + S425).
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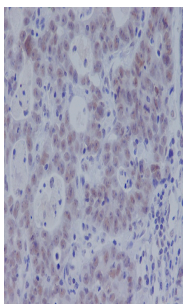
## 靶点信息

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 ( <a href="https://www.uniprot.org/uniprotkb/P84022/entry">https://www.uniprot.org/uniprotkb/P84022/entry</a> )
别名	Phospho-Smad3 (S423 + S425),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,SMAD3_HUMAN,Phospho-Smad3 (S423 + S425) Rabbit mAb

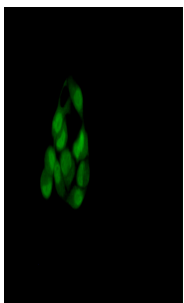
## 产品验证



Western blot analysis of Phospho-Smad3 (S423 + S425) expressed in Mouse brain, HT-1080, HCT116 using Phospho-Smad3 (S423 + S425) 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 gastric adenocarcinoma, using Phospho-Smad3 (S423 + S425) Antibody.



Immunofluorescence analysis of HeLa cells labelling Phospho-Smad3 (S423 + S425) 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 incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

## 实验步骤

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