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Smad7 Rabbit pAb

货号: **AYP10672**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus IHC: Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	23kDa/46kDa
实测分子量	50kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	ECV-304,A-549,Mouse brain,Rat brain
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

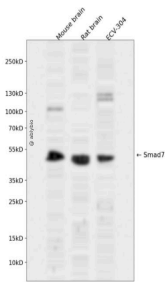
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Smad7 (NP_005895.1).
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靶点信息

研究背景	The protein encoded by this gene is a nuclear protein that binds the E3 ubiquitin ligase SMURF2. Upon binding, this complex translocates to the cytoplasm, where it interacts with TGF-beta receptor type-1 (TGFBR1), leading to the degradation of both the encoded protein and TGFBR1. Expression of this gene is induced by TGFBR1. Variations in this gene are a cause of susceptibility to colorectal cancer type 3 (CRCS3). Several transcript variants encoding different isoforms have been found for this gene.
基因ID	4092
基因名	SMAD7
Swiss	O15105 (https://www.uniprot.org/uniprotkb/O15105/entry)
别名	SMAD7,CRCS3,MADH7,MADH8,Smad7 Rabbit pAb,Mothers against decapentaplegic homolog 7,Mothers against decapentaplegic homolog 8

产品验证



Western blot analysis of Smad7 expressed in Mouse brain,Rat brain,ECV-304 using Smad7 Rabbit pAb 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.

实验步骤

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