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alpha smooth muscle Actin Rabbit mAb

货号: AYM28493

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 ICC/IF
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	42kDa
实测分子量	42kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	RD,Mouse large intestine,Mouse brain,Rat lung
细胞定位	Cytoplasm,cytoskeleton
纯化	Affinity purification

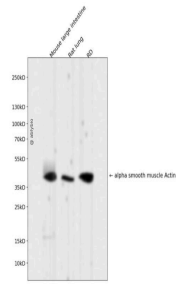
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human alpha smooth muscle Actin.

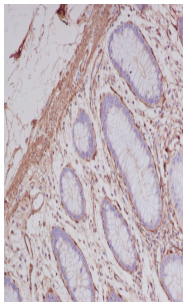
靶点信息

研究背景	The protein encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Defects in this gene cause aortic aneurysm familial thoracic type 6. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2008]
基因ID	59
基因名	ACTA2
Swiss	P62736 (https://www.uniprot.org/uniprotkb/P62736/entry)
别名	a actin,AAT6,ACTA_HUMAN,ACTA2,Actin alpha 2 smooth muscle aorta,Actin aortic smooth muscle,Actin,aortic smooth muscle,ACTSA,ACTVS,Alpha 2 actin,Alpha actin 2,Alpha cardiac actin,Alpha-actin-2,Cell growth inhibiting gene 46 protein,Cell growth-inhibiting gene 46 protein,GIG46,Growth inhibiting gene 46,MYMY5,Sarcomeric Actin,alpha smooth muscle Actin Rabbit mAb

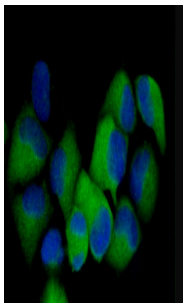
产品验证



Western blot analysis of alpha smooth muscle Actin expressed in Mouse large intestine,Rat lung,RD using alpha smooth muscle Actin 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 colon, using alpha smooth muscle Actin Antibody.



Immunofluorescence analysis of HeLa cells labelling alpha smooth muscle Actin with . The cells were fixed with cold 100% methanol (10min, 4℃) 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 temprature for 1h.

实验步骤

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