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alpha smooth muscle Actin (YD13877) Rabbit mAb

货号: AYD12513

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC
推荐浓度	**WB: 1:1000-1:10000:** **IHC-P: 1:200-1:1500:** **ICC/IF: 1:100-1:500:** **FC: 1:10-1:100:**
理论分子量	42kDa
实测分子量	42 kDa
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	Mouse heart
细胞定位	Cytoplasm, cytoskeleton
纯化	亲和纯化

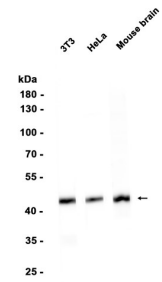
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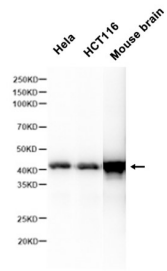
靶点信息

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.
基因ID	59
基因名	ACTA2
Swiss	P62736 (https://www.uniprot.org/uniprotkb/P62736/entry)
别名	alpha smooth muscle Actin (YD13877),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 (YD13877) Rabbit mAb，alpha-SMA

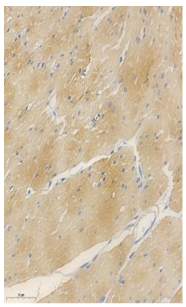
产品验证



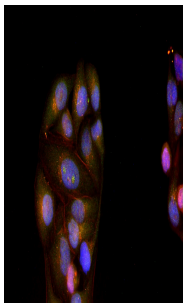
Western blot analysis of extracts from HeLa，3T3 cells and Mouse brain tissue using AYD12513 at 1:6000



Western blot analysis of extracts from HeLa，HCT116 cells and Mouse brain tissue using AYD12513 at 1:5000.



Immunohistochemical analysis of paraffin-embedded human gastric tissue labeling alpha smooth muscle Actin with alpha smooth muscle Actin,Counter stained with Hematoxylin.



Immunofluorescence analysis of HeLa cells labelling alpha-SMA 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 2 0 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 Goat Anti-Rabbit IgG Fluor594 (1:200，shown in green) at room temprature for 1h.

实验步骤

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