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Actin (YD13895) Rabbit mAb

货号: AYD14040

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC IHC FC IP
推荐浓度	**WB: 1:1000-1:5000:** **IHC-P: 1:200-1:1000:** **ICC/IF: 1:50-1：300:** **FC: 1:50-1:100:** **IP: 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	HeLa,A-431,RD,C6,Mouse lung,Mouse brain,Mouse heart,Rat lung,Rat heart
细胞定位	Cytoplasm, cytoskeleton
纯化	亲和纯化

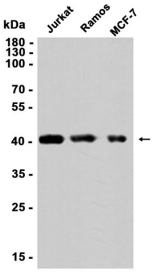
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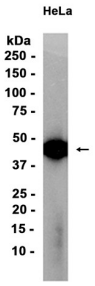
靶点信息

研究背景	The product encoded by this gene belongs to the actin family of proteins, which are highly conserved pro teins 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 g amma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skel etal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess o f thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproporti on, diseases that lead to muscle fiber defects. [provided by RefSeq, Jul 2008]
基因ID	58
基因名	ACTA1
Swiss	P68133 (https://www.uniprot.org/uniprotkb/P68133/entry)
别名	Actin (YD13895),Actin (YD13895) Rabbit mAb,ACTA1,Alpha-actin-1,ACTA

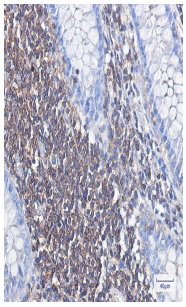
产品验证



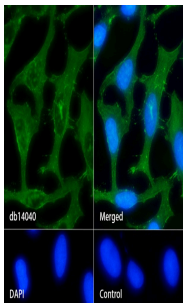
Western blot analysis of extracts from Jurkat, Ramos, MCF-7 cells using AYD14040 at 1:1000.



Western blot analysis of extracts from HeLa cells using AYD14040 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using AYD14040 antibod



Immunofluorescence analysis of HeLa cells labelling 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 1 h. The cells were then incubate with AYD14040 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

实验步骤

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