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non-muscle Myosin IIA (YD11145) Rabbit mAb

货号: AYD16069

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC
推荐浓度	**WB: 1:1000-1:5000:** **IHC-P: 1:100-1:500:** **ICC/IF: 1:100-1:500:** **FC: 1:10-1:100:**
理论分子量	227kDa
实测分子量	227 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	HeLa,Jurkat,LO2,SW480,Mouse liver,Mouse lung
细胞定位	Cytoplasm, cytoskeleton, cell cortex, Cytoplasmic vesicle, secretory vesicle, Cortical granule, Cell membrane
纯化	亲和纯化

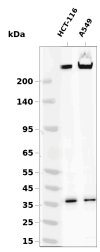
抗原信息

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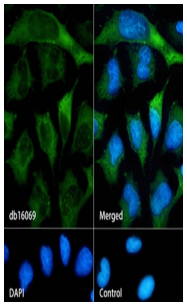
靶点信息

研究背景	This gene encodes a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain which is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in this gene have been associated with non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.
基因ID	4627
基因名	MYH9
Swiss	P35579 (https://www.uniprot.org/uniprotkb/P35579/entry)
别名	non-muscle Myosin IIA (YD11145),non-muscle Myosin IIA (YD11145) Rabbit mAb,MYH9,Cellular myosin heavy chain,type A,Myosin heavy chain 9,Myosin heavy chain,non-muscle IIa,Non-muscle myosin heavy chain A,Non-muscle myosin heavy chain IIa

产品验证



Western blot analysis of extracts from HCT116，A549 cells using MYH9 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling non-muscle Myosin IIA with AYD16069 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 AYD16069 (1:300) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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