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alpha 1 Catenin Rabbit mAb

货号: AYM30774

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	59kDa/100kDa/102kDa
实测分子量	100kDa
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	BT-474,OVCAR3,293T,MCF7,Mouse lung,Mouse heart,Mouse brain
细胞定位	Cell junction,Cell junction,Cell membrane,Cytoplasm,Cytoplasmic side,Peripheral membrane protein,adherens junction,cytoskeleton
纯化	Affinity purification

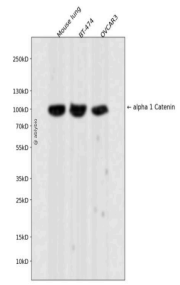
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human alpha 1 Catenin.

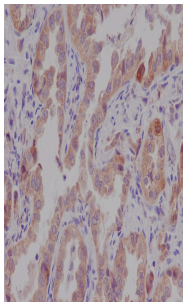
靶点信息

研究背景	This gene encodes a member of the catenin family of proteins that play an important role in cell adhesion process by connecting cadherins located on the plasma membrane to the actin filaments inside the cell. The encoded mechanosensing protein contains three vinculin homology domains and undergoes conformational changes in response to cytoskeletal tension, resulting in the reconfiguration of cadherin-actin filament connections. Certain mutations in this gene cause butterfly-shaped pigment dystrophy.
基因ID	1495
基因名	CTNNA1
Swiss	P35221 (https://www.uniprot.org/uniprotkb/P35221/entry)
别名	alpha 1 Catenin,Alpha E-catenin,Cadherin associated protein 102kDa,Cadherin associated protein,CAP102,Catenin (cadherin associated protein) alpha 1 102kDa,Catenin (cadherin associated protein),alpha 1,102kDa,Catenin alpha 1,Catenin alpha-1,CTNA1_HUMAN,CTNNA 1,Ctnna1,MDPT2,NY REN 13 antigen,Renal carcinoma antigen NY REN 13,Renal carcinoma antigen NY-REN-13,alpha 1 Catenin Rabbit mAb,Cadherin-associated protein

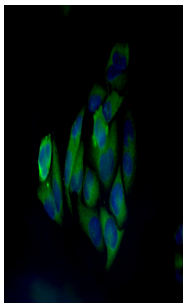
产品验证



Western blot analysis of alpha 1 Catenin expressed in Mouse lung,BT-474,OVCAR3 using alpha 1 Catenin 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 lung cancer, using Catenin alpha 1 Antibody.



Immunofluorescence analysis of HeLa cells labelling alpha 1 Catenin 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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