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alpha 1 Spectrin Rabbit mAb

货号: AYM28995

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB, FC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **FC:** 1:20 - 1:50
理论分子量	279kDa/280kDa
实测分子量	280kDa
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	239T,LO2,A-549,Mouse kidney,Mouse liver,Mouse lung,Rat heart
细胞定位	Cytoplasm,cell cortex,cytoskeleton
纯化	Affinity purification

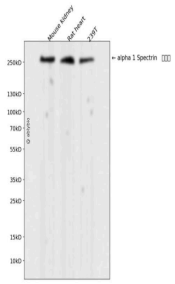
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human alpha 1 Spectrin 红细胞.

靶点信息

研究背景	Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is a tetramer made up of alpha-beta dimers linked in a head-to-head arrangement. This gene is one member of a family of alpha-spectrin genes. The encoded protein is primarily composed of 22 spectrin repeats which are involved in dimer formation. It forms weaker tetramer interactions than non-erythrocytic alpha spectrin, which may increase the plasma membrane elasticity and deformability of red blood cells. Mutations in this gene result in a variety of hereditary red blood cell disorders, including elliptocytosis type 2, pyropoikilocytosis, and spherocytic hemolytic anemia.
基因ID	6708
基因名	SPTA1
Swiss	P02549 (https://www.uniprot.org/uniprotkb/P02549/entry)
别名	alpha 1 Spectrin,alpha 1 Spectrin Rabbit mAb 红细胞,SPTA1,Erythroid alpha-spectrin,SPTA

产品验证



Western blot analysis of alpha 1 Spectrin 红细胞 expressed in Mouse kidney,Rat heart,239T using alpha 1 Spectrin Rabbit mAb 红细胞 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.

实验步骤

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