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SMMHC/MYH11 Rabbit pAb

货号: **AYP11596**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus , Rattus norvegicus IF: Mus musculus , Rattus norvegicus , Homo sapiens ICH: Homo sapiens,Mus musculus
应用	WB IF/ICC
推荐浓度	WB: 1:100 - 1:500 IF/ICC: 1:50 - 1:200
理论分子量	223kDa/224kDa/227kDa/228kDa
实测分子量	250KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse uterus,Rat stomach
细胞定位	Melanosome
纯化	Affinity purification

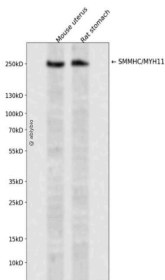
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1680-1979 of human SMMHC/SMMHC/MYH11 (NP_001035203.1).
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靶点信息

研究背景	The protein encoded by this gene is a smooth muscle myosin belonging to the myosin heavy chain family. The gene product is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. It functions as a major contractile protein, converting chemical energy into mechanical energy through the hydrolysis of ATP. The gene encoding a human ortholog of rat NUDE1 is transcribed from the reverse strand of this gene, and its 3' end overlaps with that of the latter. The pericentric inversion of chromosome 16 [inv(16)(p13q22)] produces a chimeric transcript that encodes a protein consisting of the first 165 residues from the N terminus of core-binding factor beta in a fusion with the C-terminal portion of the smooth muscle myosin heavy chain. This chromosomal rearrangement is associated with acute myeloid leukemia of the M4Eo subtype. Alternative splicing generates isoforms that are differentially expressed, with ratios changing during muscle cell maturation. Alternatively spliced transcript variants encoding different isoforms have been identified.
基因ID	4629
基因名	MYH11
Swiss	P35749 (https://www.uniprot.org/uniprotkb/P35749/entry)
别名	MYH11,AAT4,FAA4,SMHC,SMMHC,myosin-11,SMMHC/MYH11 Rabbit pAb,Myosin heavy chain 11,Myosin heavy chain,smooth muscle isoform,KIAA0866

产品验证



Western blot analysis of SMMHC/MYH11 expressed in Mouse uterus,Rat stomach using SMMHC/MYH11 Rabbit pAb 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: 120 S.

实验步骤

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