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MICU1 Rabbit pAb

货号: AYP23782

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:100 - 1:500
理论分子量	
实测分子量	46KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	OVCAR3,A-431,293T
细胞定位	mitochondrial inner membrane,mitochondrial intermembrane space,mitochondrial membrane,mitochondrion
纯化	Affinity purification

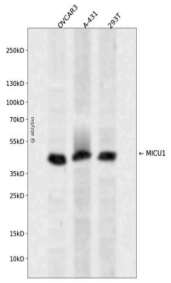
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 105-255 of human MICU1 (NP_001182447.1).

靶点信息

研究背景	This gene encodes an essential regulator of mitochondrial Ca2+ uptake under basal conditions. The encoded protein interacts with the mitochondrial calcium uniporter, a mitochondrial inner membrane Ca2+ channel, and is essential in preventing mitochondrial Ca2+ overload, which can cause excessive production of reactive oxygen species and cell stress. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2013]
基因ID	10367
基因名	MICU1
Swiss	Q9BPX6 (https://www.uniprot.org/uniprotkb/Q9BPX6/entry)
别名	CALC,CBARA1,EFHA3,MPXPS,MICU1,MICU1 Rabbit pAb,Atopy-related autoantigen CALC,Calcium-binding atopy-related autoantigen 1

产品验证



Western blot analysis of MICU1 expressed in OVCAR3,A-431,293T using MICU1 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: 120s.

实验步骤

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