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# MICU2 Rabbit pAb

货号: **AYP12616**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Rattus norvegicus , Homo sapiens <b>IP:</b> Homo sapiens
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	49kDa
实测分子量	45KDa
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	293T,U-87MG
细胞定位	Mitochondrion intermembrane space
纯化	Affinity purification

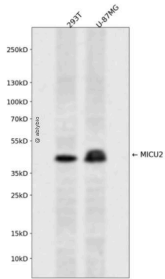
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 50-150 of human MICU2 (NP_689939.1).
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## 靶点信息

研究背景	Key regulator of mitochondrial calcium uniporter (MCU required to limit calcium uptake by MCU when cytoplasmic calcium is low. MICU1 and MICU2 form a disulfide-linked heterodimer that stimulate and inhibit MCU activity, depending on the concentration of calcium. MICU2 acts as a gatekeeper of MCU that senses calcium level via its EF-hand domains: prevents channel opening at resting calcium, avoiding energy dissipation and cell-death triggering.
基因ID	221154
基因名	MICU2
Swiss	Q8IYU8
别名	MICU2,1110008L20Rik,EFHA1,MICU2 Rabbit pAb,EF-hand domain-containing family member A1

## 产品验证



Western blot analysis of MICU2 expressed in 293T,U-87MG using MICU2 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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