

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	WB: Rattus norvegicus , Homo sapiens IP: Homo sapiens
应用	WB
推荐浓度	WB: 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

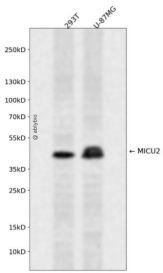
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 50-150 of human MICU2 (NP_689939.1).
序列	AWHHSRVSAARDGSFTVSAQKNVEHGIIYIGKPSLRKQRFMQFSSLEHEGEYYMTPRDFLFSVMFEQMERKTSVKKLT KDIEDTLSGIQTAGCGSTFFR

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.
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基因ID	221154
基因名	MICU2
Swiss	Q8IYU8
别名	MICU2;1110008L20Rik;EFHA1

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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