

产品名称: MICU1(Mix)Mouse Monoclonal Antibody
产品货号: AMM13895



产品概述 (Summary)

产品名称 (Production Name)	MICU1(Mix)Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.5%protective protein, 0.02% New type preservative N as Preservative and 50% Glycerol.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MICU1
别名 (Alternative Names)	Calcium uptake protein 1, mitochondrial; Atopy-related autoantigen CALC; ara CALC; Calcium-binding atopy-related autoantigen 1; allergen Hom s 4
基因 ID (Gene ID)	10367.0
蛋白 ID (SwissProt ID)	Q9BPX6.Recombinant Protein of MICU1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:100-1:200
蛋白分子量 (Molecular Weight)	55kDa

研究背景 (Background)

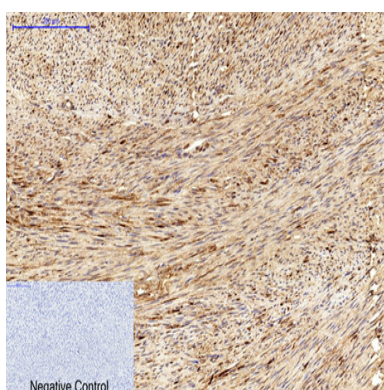
产品名称: MICU1(Mix)Mouse Monoclonal Antibody
产品货号: AMM13895



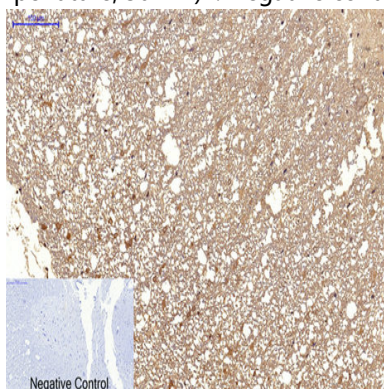
This gene encodes an essential regulator of mitochondrial Ca^{2+} uptake under basal conditions. The encoded protein interacts with the mitochondrial calcium uniporter, a mitochondrial inner membrane Ca^{2+} channel, and is essential in preventing mitochondrial Ca^{2+} overload, which can cause excessive production of reactive oxygen species and cell stress. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2013],allergen:Causes an allergic reaction in human. Binds to IgE from atopic dermatitis (AD) patients. Identified as an IgE autoantigen in atopic dermatitis (AD) patients with severe skin manifestations.,function:Induces T helper 1-mediated autoreactivity, which is accompanied by the release of IFNG.,sequence caution:Contaminating sequence. Sequence of unknown origin in the N-terminal part.,similarity:Contains 2 EF-hand domains.,tissue specificity:Expressed in epithelial cell line. Strongly expressed in epidermal keratinocytes and dermal endothelial cells.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1,MICU1 Monoclonal Antibody (Mix) was diluted at 1:200 (4°C,overnight) . 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C,20min) . 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) . Negative control was used by secondary antibody only.

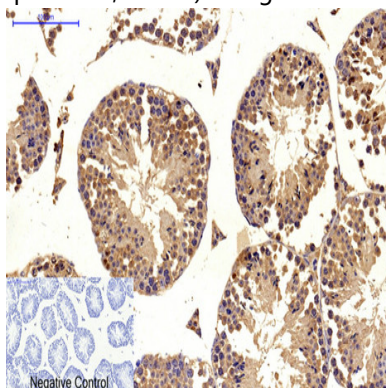


Immunohistochemical analysis of paraffin-embedded Rat-spinal-cord tissue. 1,MICU1 Monoclonal Antibody (Mix) was diluted at 1:200 (4°C,overnight) . 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C,20min) . 3,Secondary

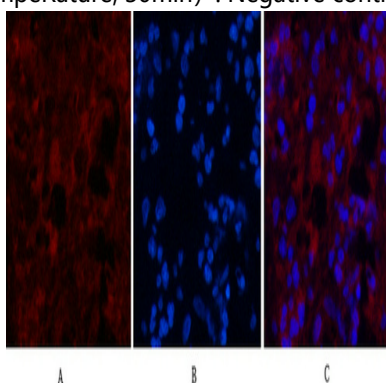
产品名称: MICU1(Mix)Mouse Monoclonal Antibody
产品货号: AMM13895



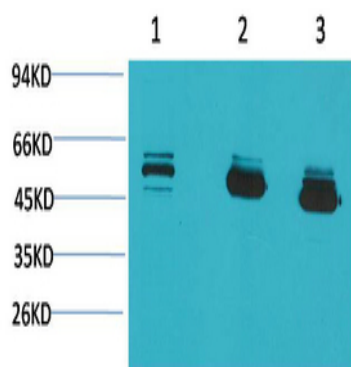
antibody was diluted at 1:200 (room temperature, 30min) . Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1, MICU1 Monoclonal Antibody (Mix) was diluted at 1:200 (4°C, overnight) . 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min) . 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) . Negative control was used by secondary antibody only.

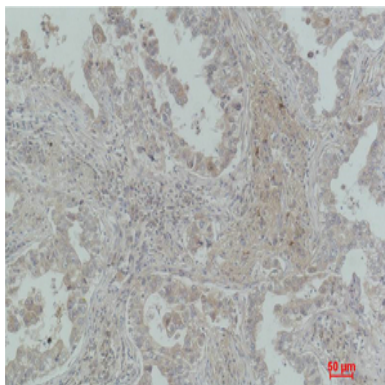


Immunofluorescence analysis of Human-appendix tissue. 1, MICU1 Monoclonal Antibody (Mix) (red) was diluted at 1:200 (4°C, overnight) . 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min) . 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture C: merge of A+B



Western blot analysis of 1) MCF7, 2) Mouse Brain Tissue, 3) Rat Brain Tissue using MICU1 Monoclonal Antibody.

产品名称: MICU1(Mix)Mouse Monoclonal Antibody
产品货号: AMM13895



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma using MICU1 Monoclonal Antibody.

注意事项 (Note)

For research use only .