

产品名称: Calsequestrin 1 Rabbit Monoclonal Antibody  
产品货号: AMRe84258



## 产品概述 (Summary)

|                        |                                            |
|------------------------|--------------------------------------------|
| 产品名称 (Production Name) | Calsequestrin 1 Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody     |
| 宿主 (Host)              | Rabbit                                     |
| 应用 (Application)       | WB,IHC,FC                                  |
| 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)       | Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                       |

## 免疫原信息 (Immunogen)

|                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | Calsequestrin 1                                                                          |
| 别名 (Alternative Names) | Calmitin; Calmitine; Calsequestrin; Calsequestrin-1; CASQ; Casq1; PDIB1;;Calsequestrin 1 |
| 基因 ID (Gene ID)        |                                                                                          |
| 蛋白 ID (SwissProt ID)   | P31415.A synthesized peptide derived from human Calsequestrin 1                          |

## 产品应用 (Application)

|                          |                                                |
|--------------------------|------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:2000,IHC 1:100-1:200,FC 1:20-1:100 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 45 kDa ; Observed MW: 63 kDa    |

## 研究背景 (Background)

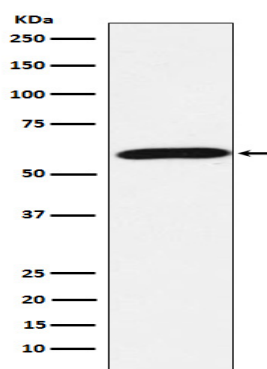
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Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. The release of calcium bound to calsequestrin through a calcium release channel triggers muscle contraction. Binds 40 to 50 moles of calcium. Also binds laminin.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of Calsequestrin 1 expression in Human skeletal muscle lysate.

## 注意事项 (Note)

For research use only .