
Product Name: Calsequestrin 1 Rabbit Monoclonal Antibody**Catalog #: AMRe84258**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,FC 1:20-1:100
Molecular Weight	Calculated MW: 45 kDa ; Observed MW: 63 kDa

Antigen Information

Gene Name	Calsequestrin 1
Alternative Names	Calmitin; Calmitine; Calsequestrin; Calsequestrin-1; CASQ; Casq1; PDIB1;;Calsequestrin 1
Gene ID	
SwissProt ID	P31415
Immunogen	A synthesized peptide derived from human Calsequestrin 1

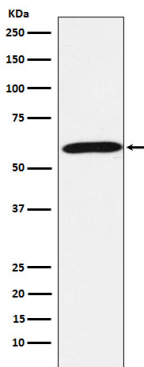
Background

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.

Research Area

Image Data



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