

[Go to Product page](#)

Datasheet for ABIN7146583

anti-Calsequestrin antibody (AA 127-396) (FITC)

Overview

Quantity:	100 µg
Target:	Calsequestrin (CASQ1)
Binding Specificity:	AA 127-396
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calsequestrin antibody is conjugated to FITC

Product Details

Immunogen:	Recombinant Human Calsequestrin-1 protein (127-396AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Calsequestrin (CASQ1)
Alternative Name:	CASQ1 (CASQ1 Products)
Background:	Background: Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. Calcium ions are bound by clusters of acidic residues at the protein surface, often at the interface between subunits. Can bind around 80 Ca(2+) ions. Regulates the release of luminal Ca(2+) via the calcium release channel RYR1, this

Target Details

plays an important role in triggering muscle contraction.

Aliases: Calmitin antibody, Calmitine antibody, Calsequestrin 1 (fast twitch, skeletal muscle) antibody, Calsequestrin antibody, Calsequestrin, cell antibody, Calsequestrin, skeletal muscle isoform antibody, Calsequestrin-1 antibody, CASQ antibody, Casq1 antibody, CASQ1_HUMAN antibody, PDIB1 antibody, skeletal muscle isoform antibody

UniProt: [P31415](#)

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.