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Datasheet for ABIN7146582

**anti-Calsequestrin antibody (AA 127-396) (Biotin)**

## 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 Biotin
Application:	ELISA

## 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 ( <a href="#">CASQ1 Products</a> )
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

## Target Details

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 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

Application Notes: Optimal working dilution should be determined by the investigator.

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.