antibodies -online.com





anti-Calsequestrin antibody



Image



Overview

Quantity:	200 μL
Target:	Calsequestrin (CASQ1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calsequestrin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human CASQ1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Calsequestrin (CASQ1)
Alternative Name:	CASQ1 (CASQ1 Products)
Background:	This gene encodes the skeletal muscle specific member of the calsequestrin protein family. Calsequestrin functions as a luminal sarcoplasmic reticulum calcium sensor in both cardiac
	and skeletal muscle cells. This protein, also known as calmitine, functions as a calcium
	regulator in the mitochondria of skeletal muscle. This protein is absent in patients with

Target Details

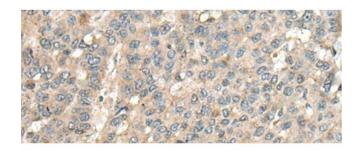
	Duchenne and Becker types of muscular dystrophy.
UniProt:	P31415
Application Details	

Application Notes:	IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.6 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CASQ1 Polyclonal Antibody at dilution of 1:100(x200)