

CASQ1 Rabbit Polyclonal Antibody

Catalog# UZ-PA02109

Product information

产品货号	UZ-PA02109
别名	CASQ
产品名称	CASQ1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CASQ1
推荐应用	WB
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	844
Human Swissprot No.	P31415
免疫原	Synthesized peptide derived from human CASQ1 AA range: 322-372
稀释度	WB 1:500-2000
参考分子量	44kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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 Duchenne and Becker types of muscular dystrophy. [provided by RefSeq, Jun 2013],
细胞定位	Endoplasmic reticulum . Sarcoplasmic reticulum . Sarcoplasmic reticulum lumen . Sarcoplasmic reticulum membrane; Peripheral membrane protein; Luminal side . Mitochondrion matrix . This isoform of calsequestrin occurs in the sarcoplasmic reticulum's terminal cisternae luminal spaces of fast skeletal muscle cells. Preferentially forms linear and round aggregates in the endoplasmic reticulum (ER) of resting cells (PubMed:28895244). In a minority of cells, homogeneously detected in the ER lumen (PubMed:28895244). Colocalizes with STIM1 at endoplasmic reticulum in response to a depletion of intracellular calcium (PubMed:27185316). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal