

Rabbit Calsequestrin 2 Polyclonal Antibody | anti-CASQ2 antibody

Calsequestrin 2 antibody

CATALOG # AAA107875	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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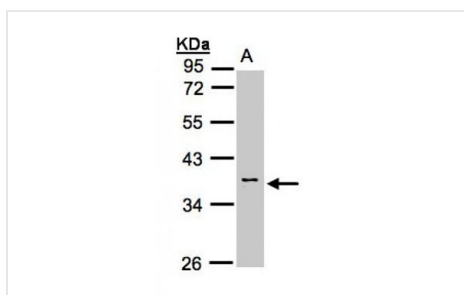
PRODUCT SYNONYMS

Calsequestrin 2; Polyclonal Antibody; Calsequestrin 2 antibody; Polyclonal Calsequestrin 2; Anti-Calsequestrin 2; FLJ26321; FLJ93514; calsequestrin-2; calsequestrin 2 fast-twitch cardiac muscle; calsequestrin 2 (cardiac muscle); CASQ2; Calsequestrin -2; PDIB2; calsequestrin cardiac muscle isoform; anti-CASQ2 antibody

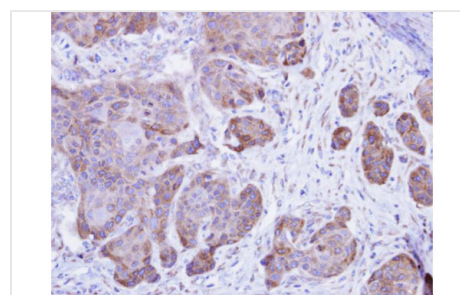
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Calsequestrin 2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.68 mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-CASQ2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	The protein encoded by this gene specifies the cardiac muscle family member of the calsequestrin family. Calsequestrin is localized to the sarcoplasmic reticulum in cardiac and slow skeletal muscle cells. The protein is a calcium binding protein that stores calcium for muscle function. Mutations in this gene cause stress-induced polymorphic ventricular tachycardia, also referred to as catecholaminergic polymorphic ventricular tachycardia 2 (CPVT2), a disease characterized by bidirectional ventricular tachycardia that may lead to cardiac arrest.
Cross-Reactivity	Human
Immunogen	Calsequestrin 2 antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 124 and 388 of Calsequestrin 2
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:H1299) using a 10 % SDS PAGE gel and Calsequestrin 2 antibody at a dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using Calsequestrin 2 antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-CASQ2 antibody	Affinity purified Rabbit polyclonal Calsequestrin 2 antibody
Product Categories/Family for anti-CASQ2 antibody	Cardiac Markers ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395727
NCBI GeneID	845
NCBI Accession #	NP_001223.2
NCBI GenBank Nucleotide #	NM_001232.3
UniProt Accession #	O14958 ; Q5T1D2 ; Q8TBW8 ; B2R7M6 ; B4DIB0
Molecular Weight	46 kDa
NCBI Official Full Name	calsequestrin-2
NCBI Official Synonym Full Names	calsequestrin 2 (cardiac muscle)
NCBI Official Symbol	CASQ2
NCBI Official Synonym Symbols	PDIB2
NCBI Protein Information	calsequestrin-2
UniProt Protein Name	Calsequestrin-2
UniProt Gene Name	CASQ2
UniProt Entry Name	CASQ2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/calsequestrin-2-antibody-western-blot-immunohistochemistry-elisa/107875>