

Rabbit anti-Human CASQ2 Polyclonal Antibody | anti-CASQ2 antibody

CASQ2 Antibody

CATALOG # AAA233924	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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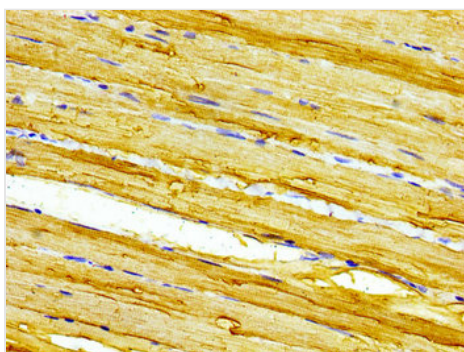
PRODUCT SYNONYMS

CASQ2; Polyclonal Antibody; CASQ2 Antibody; Calsequestrin-2; Calsequestrin; cardiac muscle isoform; anti-CASQ2 antibody

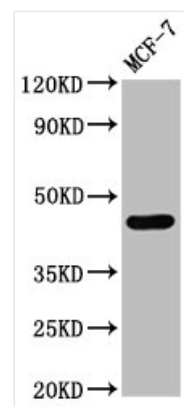
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	399
Applicable Applications for anti-CASQ2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Calsequestrin-2 protein (219-300AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA233924 at dilution of 1:100


WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysateAll lanes: CASQ2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 47, 39 KDaObserved band size: 47 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CASQ2 antibody	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, especially at the interface between subunits. Can bind around 60 Ca(2+) ions. Regulates the release of luminal Ca(2+) via the calcium release channel RYR2; this plays an important role in triggering muscle contraction. Plays a role in excitation-contraction coupling in the heart and in regulating the rate of heart beats.
Product Categories/Family for anti-CASQ2 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

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	38,269 Da
NCBI Official Full Name	calsequestrin-2
NCBI Official Synonym Full Names	calsequestrin 2
NCBI Official Symbol	CASQ2
NCBI Official Synonym Symbols	PDIB2
NCBI Protein Information	calsequestrin-2
UniProt Protein Name	Calsequestrin-2
UniProt Gene Name	CASQ2

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://www.aaabiotech.com/polyclonal/casq2-antibody-immunohistochemistry-western-blot-elisa/233924>