

Rabbit anti-Human, mouse CASQ1 Polyclonal Antibody | anti-CASQ1 antibody

CASQ1 Antibody

CATALOG # AAA229203	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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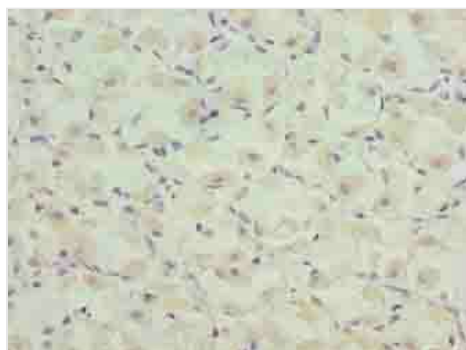
PRODUCT SYNONYMS

CASQ1; Polyclonal Antibody; CASQ1 Antibody; Calsequestrin-1; Calmitine1; CASQ; anti-CASQ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	396
Applicable Applications for anti-CASQ1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Calsequestrin-1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16573 / sc-16571
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

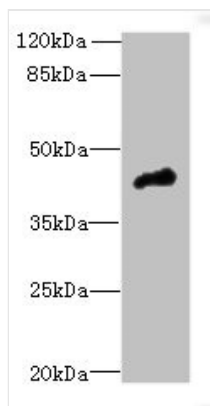
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA229203 at dilution of 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA229203 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: CASQ1 antibody at 5ug/ml+Mouse brain tissueGoat polyclonal to rabbit
at 1/10000 dilutionPredicted band size: 45 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CASQ1 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, 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227430327
NCBI GeneID	844
NCBI Accession #	NP_001222.3
NCBI GenBank Nucleotide #	NM_001231.4
UniProt Accession #	P31415; Q8TBW7; B1AKZ2; B2R863
Molecular Weight	45,160 Da
NCBI Official Full Name	calsequestrin-1
NCBI Official Synonym Full Names	calsequestrin 1
NCBI Official Symbol	CASQ1
NCBI Official Synonym Symbols	CASQ; PDIB1; VMCQA
NCBI Protein Information	calsequestrin-1
UniProt Protein Name	Calsequestrin-1
UniProt Gene Name	CASQ1
UniProt Synonym Gene Names	CASQ
UniProt Entry Name	CASQ1_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/casq1-antibody-immunohistochemistry-western-blot-elisa/229203>