

Product Datasheet

Calsequestrin 1 Antibody - BSA Free NBP1-88181

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-88181

Calsequestrin 1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Host	Rabbit
Gene ID	844
Gene Symbol	CASQ1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22093360)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LDFPEYDGVDRVINVNAKNYKNVFKKYEVLALLYHEPPEDDKASQRQFEMEELI LELAAQVLEDKGVGFGLVDSEKDAAVAKKLGLTEVDSMYVFKGDEVIEYDGEF SADTIVEFLLDVLEDPVELIEGERELQAFENIEDEIKLIGY

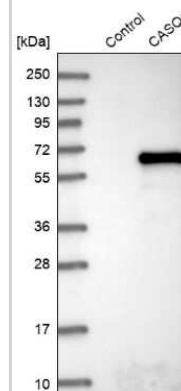
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

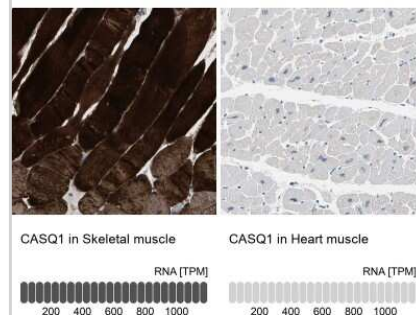


Images

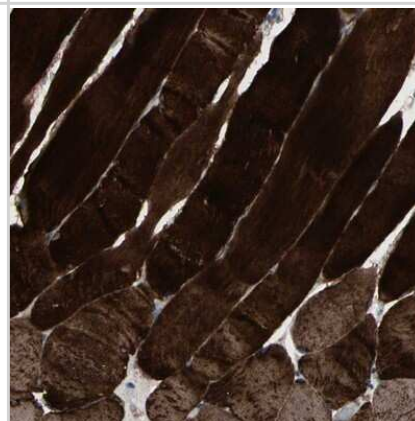
Western Blot: Calsequestrin 1 Antibody [NBP1-88181] - Analysis in control (vector only transfected HEK293T lysate) and CASQ1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



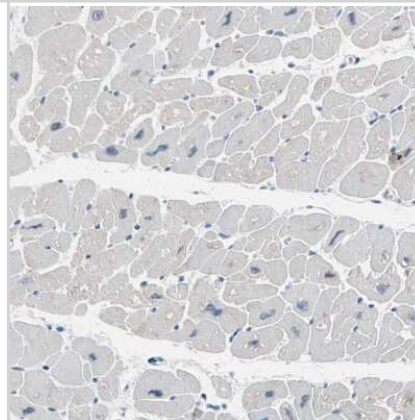
Immunohistochemistry-Paraffin: Calsequestrin 1 Antibody [NBP1-88181] - Staining in human skeletal muscle and heart muscle tissues using anti-CASQ1 antibody. Corresponding CASQ1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Calsequestrin 1 Antibody [NBP1-88181] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: Calsequestrin 1 Antibody [NBP1-88181] - Staining of human heart muscle shows low expression as expected.



Publications

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. Proteome Sci 2011-11-17 [PMID: 22093360]



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Products Related to NBP1-88181

NBP1-88181PEP	Calsequestrin 1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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