

Product Datasheet

Calsequestrin 1 Antibody - BSA Free NBP1-88180

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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NBP1-88180

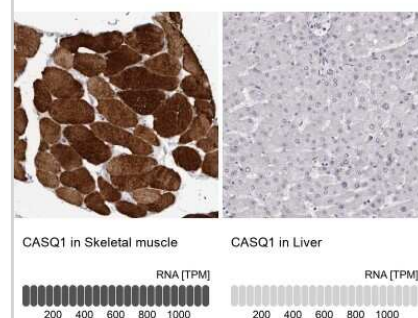
Calsequestrin 1 Antibody - BSA Free

| 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 |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: EHYKAFEDAAEEFHPYIPFFATFDSKVAKKLTCLKNEIDFYEA FMEEPVTIPDKP NSEEEIVNFVEEHRRSTLRKCLKPESMYETWE |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

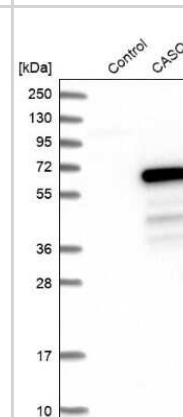


Images

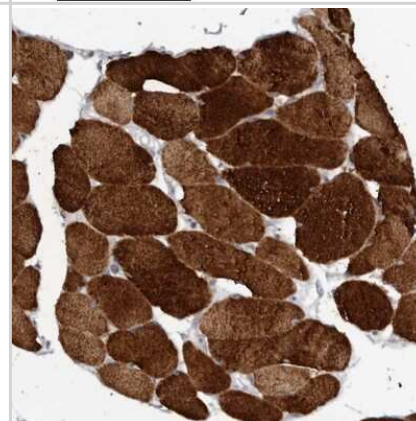
Immunohistochemistry-Paraffin: Calsequestrin 1 Antibody [NBP1-88180]
 - Staining in human skeletal muscle and liver tissues using anti-CASQ1 antibody. Corresponding CASQ1 RNA-seq data are presented for the same tissues.



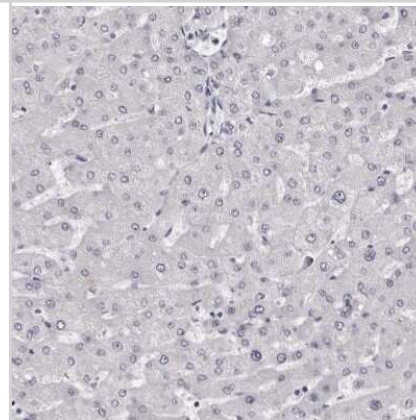
Western Blot: Calsequestrin 1 Antibody [NBP1-88180] - Analysis in control (vector only transfected HEK293T lysate) and CASQ1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry-Paraffin: Calsequestrin 1 Antibody [NBP1-88180]
 - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: Calsequestrin 1 Antibody [NBP1-88180]
 - Staining of human liver shows low expression as expected.



Publications

Hunt LC, Graca FA, Pagala V Et al. Integrated genomic and proteomic analyses identify stimulus-dependent molecular changes associated with distinct modes of skeletal muscle atrophy Cell reports 2021-11-09 [PMID: 34758314] (WB)



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Products Related to NBP1-88180

| | |
|---------------|---|
| NBP1-88180PEP | 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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