

Product Datasheet

Calsequestrin 2 Antibody - BSA Free NBP1-87304

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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Publications: 1

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NBP1-87304

Calsequestrin 2 Antibody - BSA Free

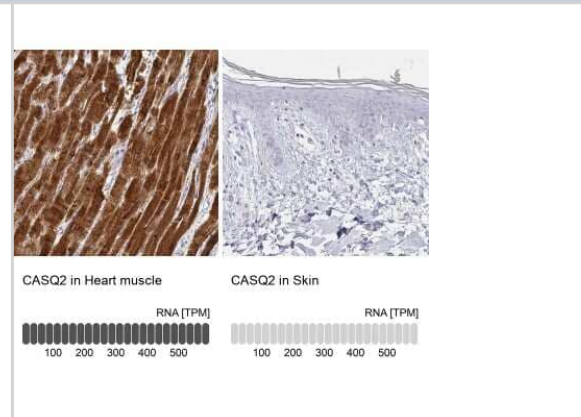
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Calsequestrin 2 Antibody - BSA Free (NBP1-87304) is a polyclonal antibody validated for use in IHC and WB. Anti-Calsequestrin 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	845
Gene Symbol	CASQ2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EEGLNFPTYDGGKDRVVSLSSEKNFKQVLKKYDLLCLYYHEPVSSDKVTQKQFQL KEIVLELVAQVL

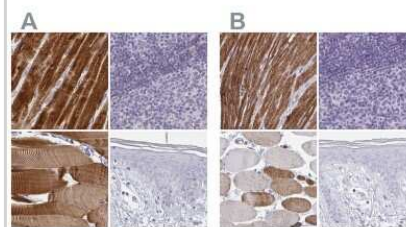
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

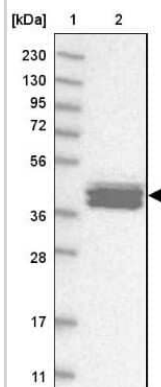
Immunohistochemistry-Paraffin: Calsequestrin 2 Antibody [NBP1-87304] - Staining in human heart muscle and skin tissues using anti-CASQ2 antibody. Corresponding CASQ2 RNA-seq data are presented for the same tissues.



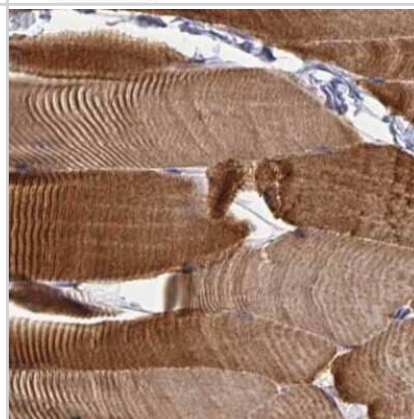
Immunohistochemistry-Paraffin: Calsequestrin 2 Antibody [NBP1-87304]
- Staining of human heart muscle, lymph node, skeletal muscle and skin using Anti-CASQ2 antibody NBP1-87304 (A) shows similar protein distribution across tissues to independent antibody NBP2-33747 (B).



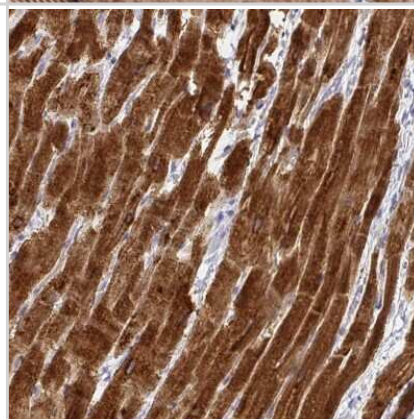
Western Blot: Calsequestrin 2 Antibody [NBP1-87304] - Lane 1: Marker
[kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-93



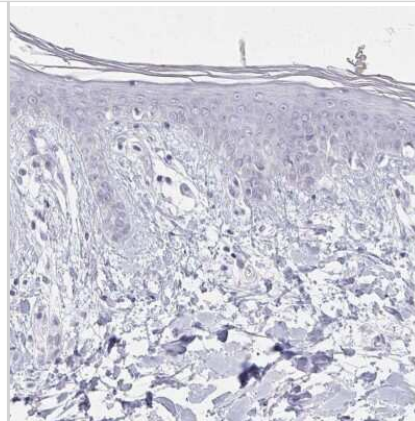
Immunohistochemistry-Paraffin: Calsequestrin 2 Antibody [NBP1-87304]
- Staining of human skeletal muscle.



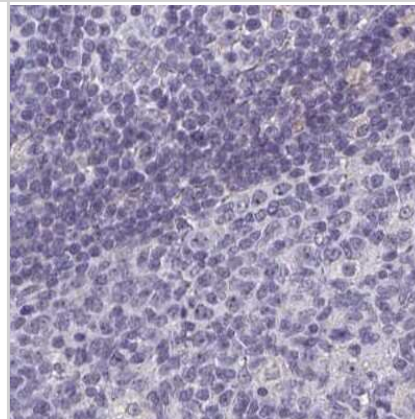
Immunohistochemistry-Paraffin: Calsequestrin 2 Antibody [NBP1-87304]
- Staining of human heart muscle shows high expression.



Immunohistochemistry-Paraffin: Calsequestrin 2 Antibody [NBP1-87304]
- Staining of human skin shows low expression as expected.



Immunohistochemistry-Paraffin: Calsequestrin 2 Antibody [NBP1-87304]
- Staining of human lymph node.



Publications

Kim JH, Lee ES, Yun J et al. Calsequestrin 2 overexpression in breast cancer increases tumorigenesis and metastasis by modulating the tumor microenvironment *Molecular Oncology* 2022-01-01 [PMID: 34743414] (Immunohistochemistry)



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Products Related to NBP1-87304

NBP1-87304PEP	Calsequestrin 2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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