

Product Datasheet

CHCHD3 Antibody - BSA Free

NBP1-83656

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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NBP1-83656

CHCHD3 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

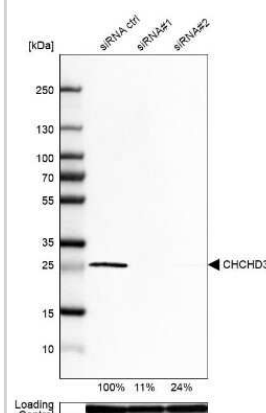
Host	Rabbit
Gene ID	54927
Gene Symbol	CHCHD3
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DENENITVVKGIRLSENVIDRMKESSPSGSKSQRYSGAYGASVSDEELKRRVA EELALEQAKKESEDQKRLKQAK

Product Application Details

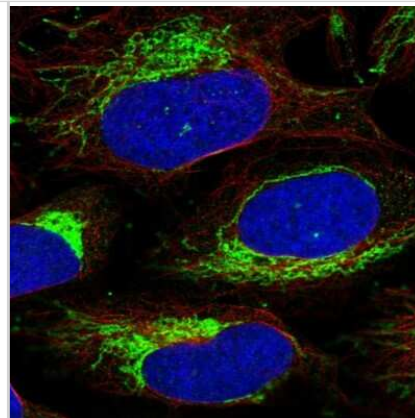
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization, Use PFA/Triton X-100.

Images

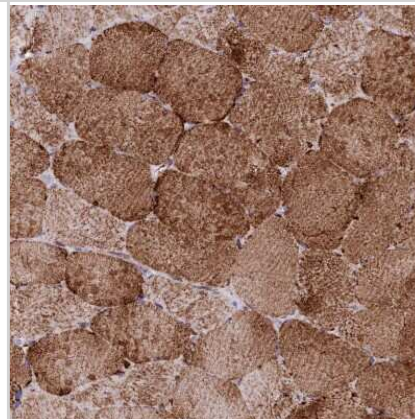
Western Blot: CHCHD3 Antibody [NBP1-83656] - Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2,. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



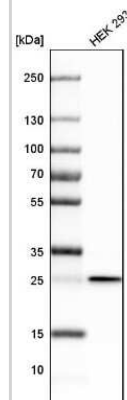
Immunocytochemistry/Immunofluorescence: CHCHD3 Antibody [NBP1-83656] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



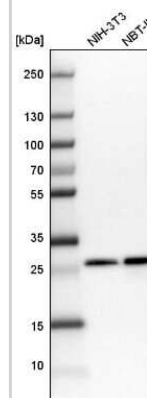
Immunohistochemistry-Paraffin: CHCHD3 Antibody [NBP1-83656] - Staining of human skeletal muscle shows strong granular cytoplasmic positivity in myocytes.



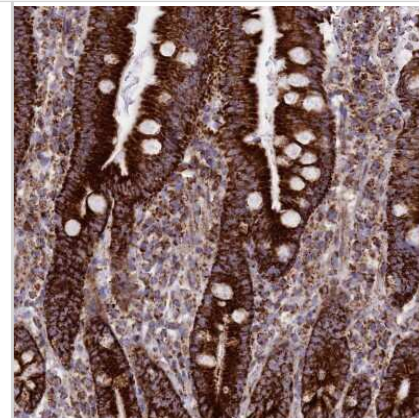
Western Blot: CHCHD3 Antibody [NBP1-83656] - Analysis in human cell line HEK 293.



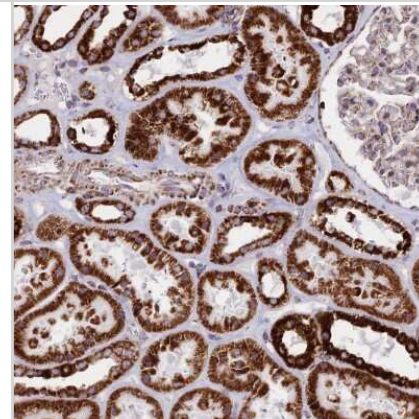
Western Blot: CHCHD3 Antibody [NBP1-83656] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



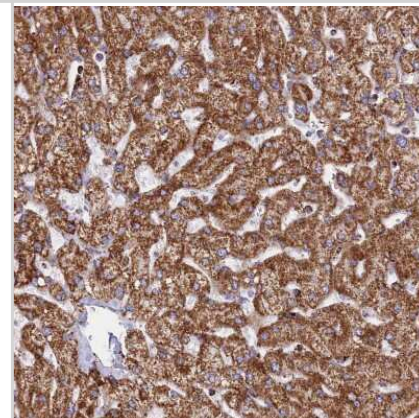
Immunohistochemistry-Paraffin: CHCHD3 Antibody [NBP1-83656] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: CHCHD3 Antibody [NBP1-83656] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: CHCHD3 Antibody [NBP1-83656] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



Publications

Céline Schaeffer, Maurizio De Fusco, Elena Pasqualetto, Caterina Scolari, Claudia Izzi, Francesco Scolari, Luca Rampoldi Misrouting to mitochondria of renin carrying dominant mutations in the leader peptide or pro-segment. Disease models & mechanisms 2023-05-09 [PMID: 37158097]

Schaeffer C, De Fusco M, Pasqualetto E et al. Leader peptide or pro-segment mutants of renin are misrouted to mitochondria in autosomal dominant tubulointerstitial kidney disease Disease models & mechanisms 2023-06-01 [PMID: 37283036] (WB, Human)



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Products Related to NBP1-83656

NBP1-83656PEP	CHCHD3 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

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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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