

# Product Datasheet

## CHCHD3 Antibody NBP1-52008

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-52008**

## CHCHD3 Antibody

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 mg   |
| Concentration       | 0.5 mg/ml  |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide                                     |
| Isotype             | IgG  |
| Purity              | Immunogen affinity purified                            |
| Buffer              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Goat CHCHD3 Antibody (NBP1-52008) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-CHCHD3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Goat   |
| Gene ID             | 54927  |
| Gene Symbol         | CHCHD3   |
| Species             | Human  |
| Immunogen           | Peptide with sequence KFKRYESHPCAD corresponding to internal region according to NP_060282.1.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA, Immunohistochemistry-Frozen (Negative)   |
| Recommended Dilutions       | Western Blot 1 - 3 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:16000, Immunohistochemistry-Frozen (Negative) 5 ug/mL |
| Application Notes           | WB: Approx. 26 kDa band observed in human brain (cerebellum) and heart lysates (calculated MW of 26.2 kDa band according to NP_060282.1).                                    |

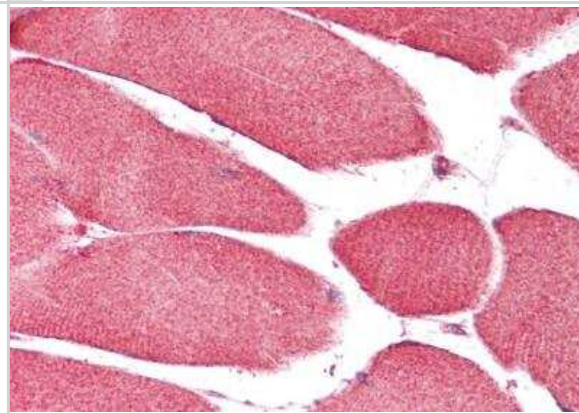


## Images

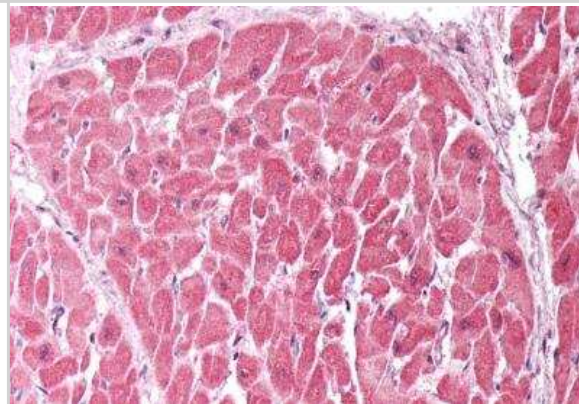
Western Blot: CHCHD3 Antibody [NBP1-52008] - Analysis of CHCHD3 in Human Heart lysate (35 ug protein in RIPA buffer) using NBP1-52008 at 1 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: CHCHD3 Antibody [NBP1-52008] - Staining of paraffin embedded Human Skeletal Muscle. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: CHCHD3 Antibody [NBP1-52008] - Staining of paraffin embedded Human Heart. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Xie,J, Marusich et al. The mitochondrial inner membrane protein mitofilin exists as a complex with SAM50, metaxins 1 and 2, coiled-coil-helix. Coiled-coil-helix domain-containing protein 3 and 6 and DnaJC11 FEBS Lett 2007-07-24 [PMID: 17624330]



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### **Products Related to NBP1-52008**

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|                 |  |
|-----------------|--|
| NBP2-33376H     | Blue Marker Antibody (6F4-F6) [HRP]                                    |
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control   |

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### **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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