

# Product Datasheet

## Cofilin 2 Antibody - Azide and BSA Free NBP2-98910-100ul

Unit Size: 100 ul

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

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**NBP2-98910-100ul**

Cofilin 2 Antibody - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen and protein A Affinity-purified
<b>Buffer</b>	0.2 um filtered solution in PBS

**Product Description**

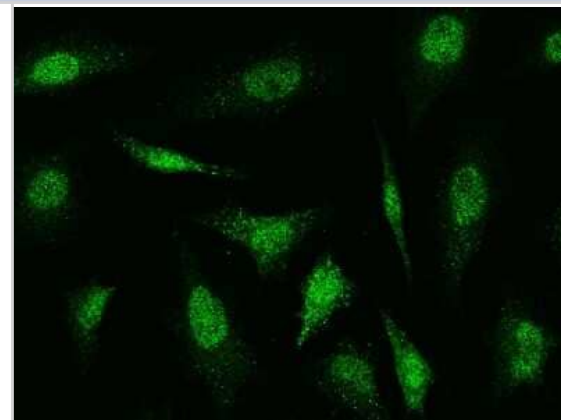
<b>Description</b>	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1073
<b>Gene Symbol</b>	CFL2
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human Cofilin 2.

**Product Application Details**

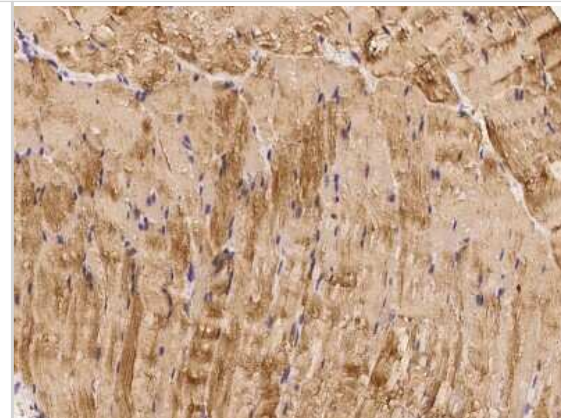
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Immunohistochemistry 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:300-1:10000, Immunoprecipitation 1-4 uL/mg of lysate, Immunohistochemistry-Paraffin 1:500-1:2000

**Images**

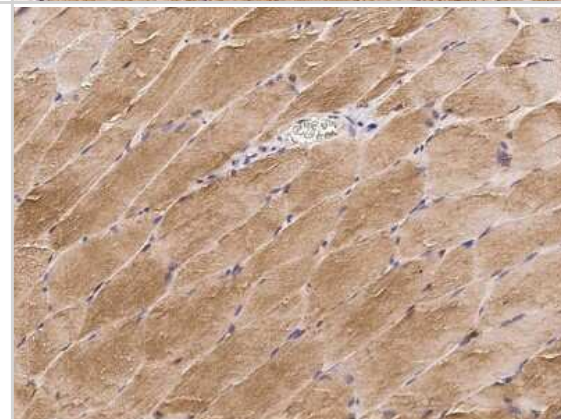
Immunocytochemistry/Immunofluorescence: Cofilin 2 Antibody [NBP2-98910] - Immunofluorescence staining of Cofilin 2 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human Cofilin 2 polyclonal antibody (1:1000) at 4C overnight. Then cells were stained with the Alexa Fluor(R)488-conjugated Goat Anti-rabbit IgG Secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



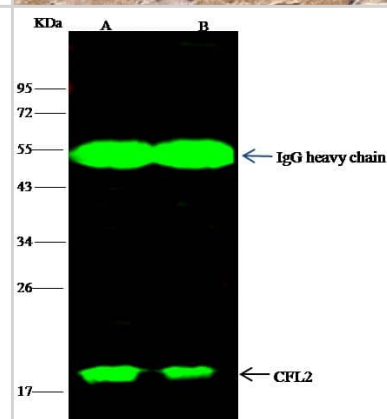
Immunohistochemistry-Paraffin: Cofilin 2 Antibody [NBP2-98910] -  
 Immunochemical staining Cofilin 2 in mouse skeletal muscle with rabbit  
 polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



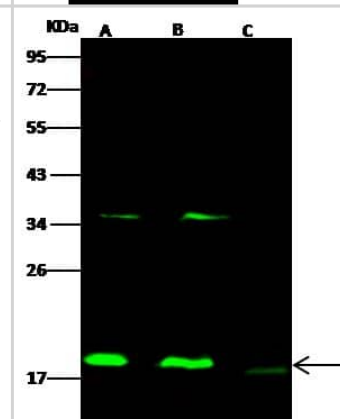
Immunohistochemistry-Paraffin: Cofilin 2 Antibody [NBP2-98910] -  
 Immunochemical staining Cofilin 2 in human skeletal muscle with rabbit  
 polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunoprecipitation: Cofilin 2 Antibody [NBP2-98910] -Lane A:0.5 mg  
 Raji Whole Cell Lysate Lane B:0.5 mg HeLa Whole Cell Lysate 4  $\mu$ L anti-  
 CFL2 rabbit polyclonal antibody and 15  $\mu$ L of 50 % Protein G agarose.  
 Primary antibody: Anti-CFL2 rabbit polyclonal antibody,at 1:100 dilution  
 Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at  
 1:5000 dilution Developed using the odssey technique. Performed under  
 reducing conditions. Predicted band size: 18 kDa Observed band size:  
 18 kDa



Western Blot: Cofilin 2 Antibody [NBP2-98910] -Lane A: Raji Whole Cell  
 Lysate Lane B: HeLa Whole Cell Lysate Lane C: NCI-H1299 Whole Cell  
 Lysate Lysates/proteins at 30  $\mu$ g per lane. Secondary Goat Anti- Rabbit  
 IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey  
 technique. Performed under reducing conditions. Predicted band size:18  
 kDa Observed band size:18 kDa (We are unsure as to the identity of  
 these extra bands.)





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### **Products Related to NBP2-98910-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72427-100ug	Recombinant Human Cofilin 2 His Protein

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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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