

# Product Datasheet

## ITIH4 Antibody - BSA Free NBP1-81777

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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**NBP1-81777**

ITI4 Antibody - BSA Free

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | Concentrations vary lot to lot. See 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>            | 0.02% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Immunogen affinity purified  |
| <b>Buffer</b>                  | PBS (pH 7.2) and 40% Glycerol  |
| <b>Target Molecular Weight</b> | 103 kDa  |

**Product Description**

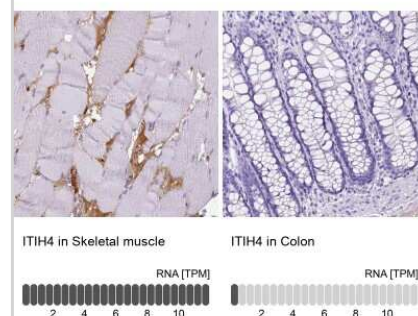
|                    |   |
|--------------------|---|
| <b>Host</b>        | Rabbit  |
| <b>Gene ID</b>     | 3700  |
| <b>Gene Symbol</b> | ITI4  |
| <b>Species</b>     | Human   |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LAYSFVTPLTSMVVTKPDDQEQSQVAEKPMEGESRNRNVHSAGAAGSRMNF<br>RPGVLSSRQLGLPGPPDVPDHAAYHPFRRLLPASAPPATSNPDPAVSRVMN<br>MKIEETTMTTQTPA |

**Product Application Details**

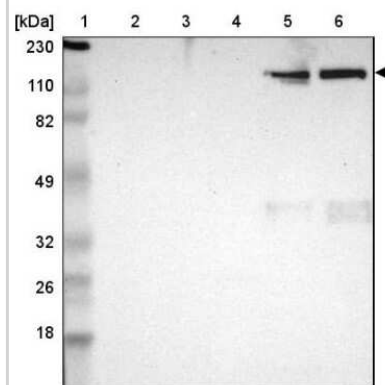
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500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

**Images**

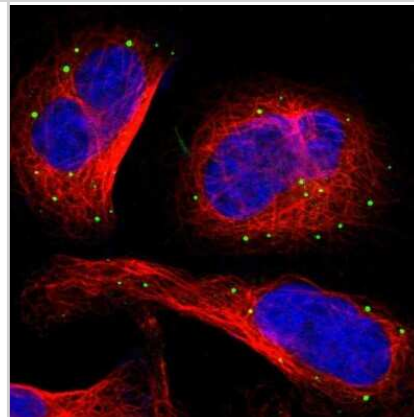
Immunohistochemistry-Paraffin: ITI4 Antibody [NBP1-81777] - Staining in human skeletal muscle and colon tissues using anti-ITI4 antibody. Corresponding ITI4 RNA-seq data are presented for the same tissues.



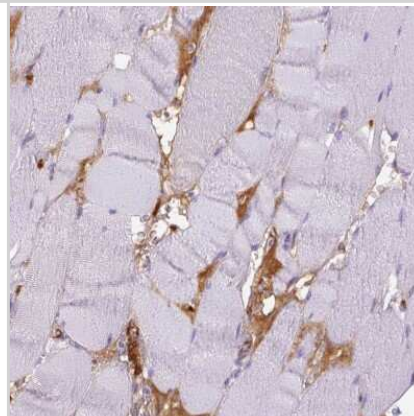
Western Blot: ITIH4 Antibody [NBP1-81777] - Lane 1: Marker [kDa] 230, 110, 82, 49, 32, 26, 18  
 Lane 2: Human cell line RT-4  
 Lane 3: Human cell line U-251MG sp  
 Lane 4: Human plasma (IgG/HSA depleted)  
 Lane 5: Human liver tissue  
 Lane 6: Human tonsil tissue



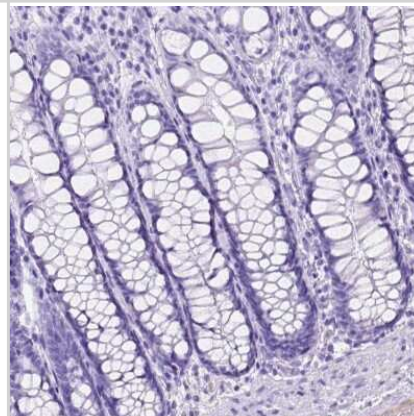
Immunocytochemistry/Immunofluorescence: ITIH4 Antibody [NBP1-81777] - Immunofluorescent staining of human cell line U-2 OS shows localization to vesicles.



Immunohistochemistry-Paraffin: ITIH4 Antibody [NBP1-81777] - Staining of human skeletal muscle shows high expression.



Immunohistochemistry-Paraffin: ITIH4 Antibody [NBP1-81777] - Staining of human colon shows low expression as expected.





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### **Products Related to NBP1-81777**

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|               |   |
|---------------|---|
| NBP1-81777PEP | ITIH4 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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### **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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