

# Product Datasheet

## Axotrophin Antibody - BSA Free

### NBP1-90057

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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**NBP1-90057**

Axotrophin 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                                                                                    |

**Product Description**

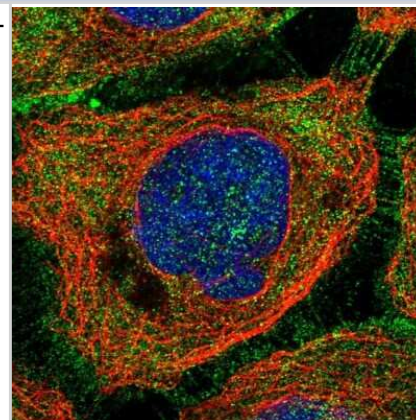
|                    |                                                                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                                                               |
| <b>Gene ID</b>     | 64844                                                                                                                                                |
| <b>Gene Symbol</b> | MARCH7                                                                                                                                               |
| <b>Species</b>     | Human                                                                                                                                                |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>ILPGSLFRFAVPPALGSNLTDNVMITVDIIPSGWNSADGKSDKTKSAPSRDPERLQKIK |

**Product Application Details**

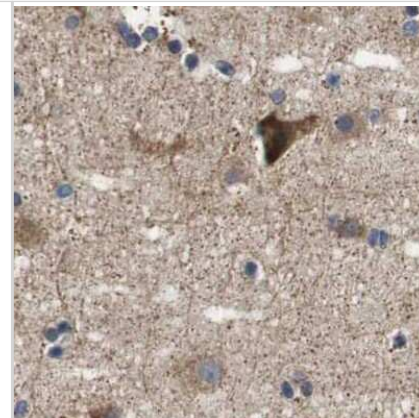
|                              |                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                      |
| <b>Recommended Dilutions</b> | Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICCIF, Fixation Permeabilization: Use PFA/Triton X-100.                     |

**Images**

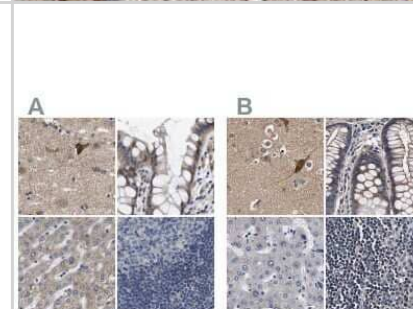
Immunocytochemistry/Immunofluorescence: Axotrophin Antibody [NBP1-90057] - Immunofluorescent staining of human cell line A-431 shows localization to plasma membrane & cytosol.



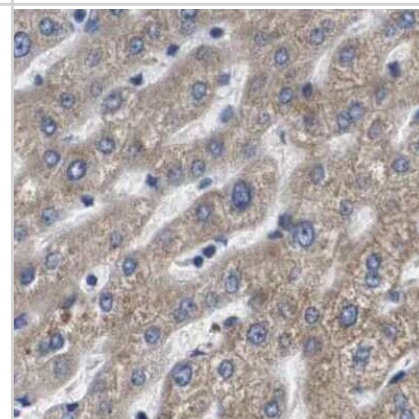
Immunohistochemistry-Paraffin: Axotrophin Antibody [NBP1-90057] - Staining of human cerebral cortex.



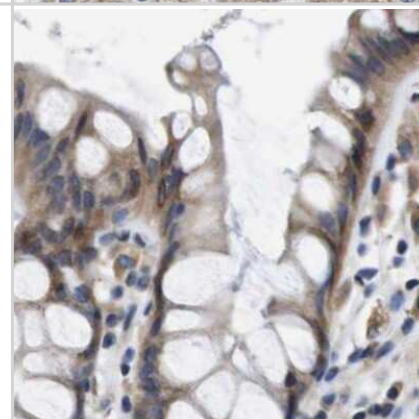
Immunohistochemistry-Paraffin: Axotrophin Antibody [NBP1-90057] - Staining of human cerebral cortex, colon, liver and lymph node using Anti-MARCH7 antibody NBP1-90057 (A) shows similar protein distribution across tissues to independent antibody NBP1-90056 (B).



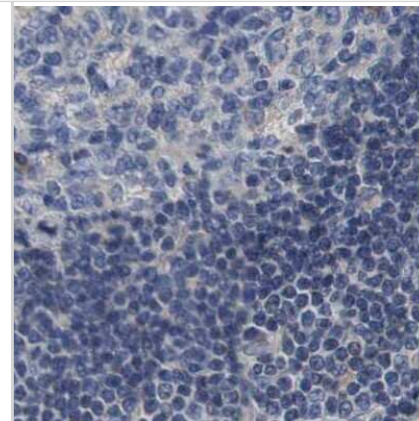
Immunohistochemistry-Paraffin: Axotrophin Antibody [NBP1-90057] - Staining of human liver.



Immunohistochemistry-Paraffin: Axotrophin Antibody [NBP1-90057] - Staining of human colon.



Immunohistochemistry-Paraffin: Axotrophin Antibody [NBP1-90057] - Staining of human lymph node.



## Publications

Szigyarto CA, Sibbons P, Williams G et al. The E3 Ligase Axotrophin/MARCH-7: Protein Expression Profiling of Human Tissues Reveals Links to Adult Stem Cells. J Histochem Cytochem 2010-04-01 [PMID: 19901269]





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### **Products Related to NBP1-90057**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-90057PEP | Axotrophin 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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