

# Product Datasheet

## Axotrophin Antibody NB100-93417

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-93417****Axotrophin Antibody**

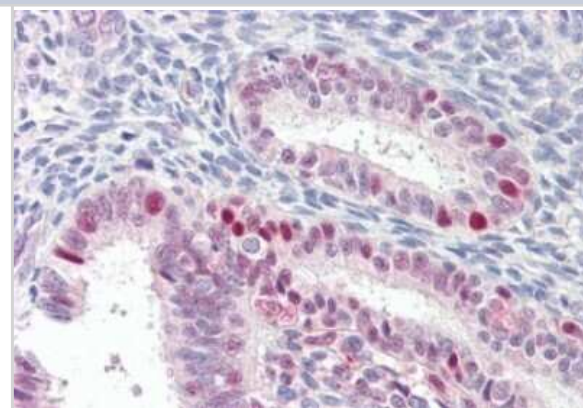
| Product Information |                                                        |
|---------------------|--------------------------------------------------------|
| Unit Size           | 0.1 mg                                                 |
| Concentration       | 0.5 mg/ml                                              |
| 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 Axotrophin Antibody (NB100-93417) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Axotrophin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Goat                                                                                                                                                                                                                                            |
| Gene ID             | 64844                                                                                                                                                                                                                                           |
| Gene Symbol         | MARCH7                                                                                                                                                                                                                                          |
| Species             | Human                                                                                                                                                                                                                                           |
| Reactivity Notes    | Expected from sequence similarity: Mouse and Rat                                                                                                                                                                                                |
| Immunogen           | Peptide with sequence C-NFNQESEGRNT corresponding to internal region according to NP_073737.1.                                                                                                                                                  |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot 1ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 3.75ug/ml, Peptide ELISA Detection limit 1:4000                                                                                                                                                                                                                                                                                                       |
| Application Notes           | Western blot: Preliminary experiments gave an approx 125kDa band in Human Spleen and Tonsil lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 78.1kDa according to NP_073737.1. The 125kDa band was successfully blocked by incubation with the immunizing peptide. IHC: Paraffin embedded Human Uterus. |

**Images**

Immunohistochemistry-Paraffin: Axotrophin Antibody [NB100-93417] - (3.75ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Muthukumarana PA, Lyons GE, Miura Y et al. Evidence for functional inter-relationships between FOXP3, leukaemia inhibitory factor, and axotrophin/MARCH-7 in transplantation tolerance. *Int Immunopharmacol* 2006-12-20 [PMID: 17161353]





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### **Products Related to NB100-93417**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| 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                                               |

### **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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