

# Product Datasheet

## Axotrophin Antibody NB100-93417

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



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

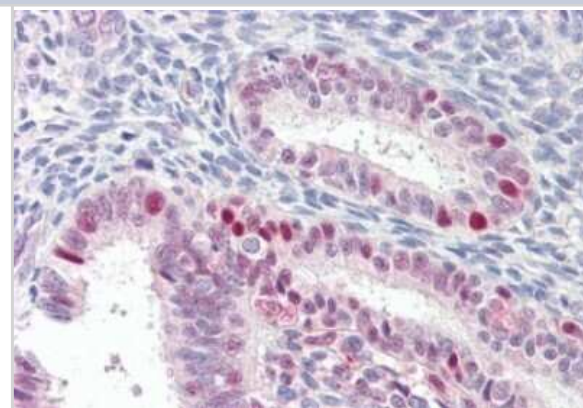
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris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

<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Goat
<b>Gene ID</b>	64844
<b>Gene Symbol</b>	MARCH7
<b>Species</b>	Human
<b>Reactivity Notes</b>	Expected from sequence similarity: Mouse and Rat
<b>Immunogen</b>	Peptide with sequence C-NFNQESEGRNT corresponding to internal region according to NP_073737.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 3.75ug/ml, Peptide ELISA Detection limit 1:4000
<b>Application Notes</b>	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**

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
NBP1-90057PEP	Axotrophin Recombinant Protein Antigen

### **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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