

# Product Datasheet

## Thymosin alpha 1 Antibody

### NBP1-36979

Unit Size: 0.1 mg

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

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**NBP1-36979****Thymosin alpha 1 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

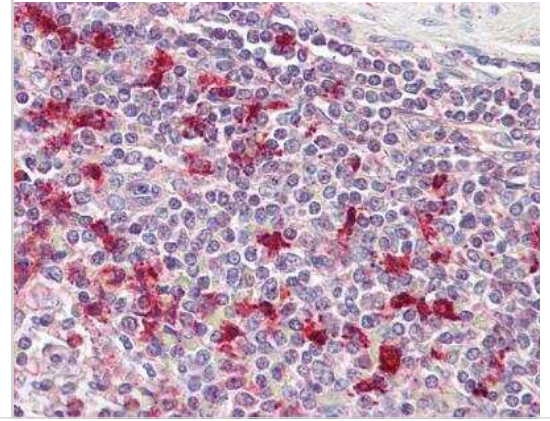
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Thymosin alpha 1 Antibody (NBP1-36979) is a polyclonal antibody validated for use in IHC and ELISA. Anti-Thymosin alpha 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	5757
<b>Gene Symbol</b>	PTMA
<b>Species</b>	Human
<b>Reactivity Notes</b>	Expected from sequence similarity: Rat, Dog
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_001092755.1; NP_002814.3).
<b>Immunogen</b>	Peptide with sequence C-DVDTKKQKTDEDD corresponding to C-Terminus according to NP_001092755.1, NP_002814.3.

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:1000
<b>Application Notes</b>	WB: Preliminary experiments gave an approx. 38 kDa band in lysates of A431 after 0.2 ug/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 12.2 kDa band according to NP_001092755.1 and of 12.1 kDa band according to NP_002814.3. The 38 kDa band was successfully blocked by incubation with the immunizing peptide.



## Images

Immunohistochemistry-Paraffin: Thymosin alpha 1 Antibody [NBP1-36979] - (3.75ug/ml) staining of Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Uren AG, Kool J, Matentzoglou K et al. Large-scale mutagenesis in p19(ARF)- and p53-deficient mice identifies cancer genes and their collaborative networks. Cell 2008-05-01 [PMID: 18485879]



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### **Products Related to NBP1-36979**

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
NBP2-23386	Recombinant Human Thymosin alpha 1 His Protein

### **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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