

# Product Datasheet

## Calcyphosine Antibody - BSA Free NBP1-91746

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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### Publications: 3

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Updated 2/18/2026 v.20.1

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**NBP1-91746****Calcyphosine Antibody - BSA Free**

<b>Product Information</b>	
<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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

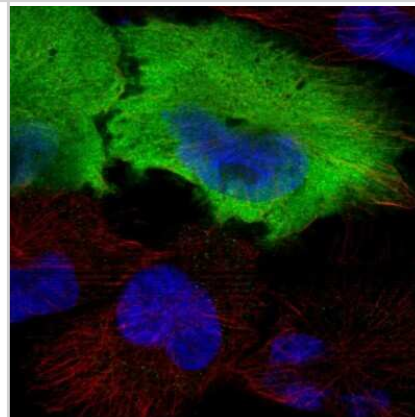
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Calcyphosine Antibody - BSA Free (NBP1-91746) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Calcyphosine Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	828
<b>Gene Symbol</b>	CAPS
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: FRQLDRDGSRSLDADEFRQGLAKLGLVLDQAEAEAGVCRKWDRNGSGTLDLEE FLRALRPPMSQAREAVIAAAFAKLDRSGDGVVTVDDL

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

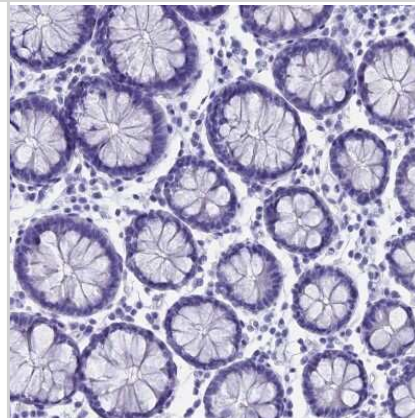


## Images

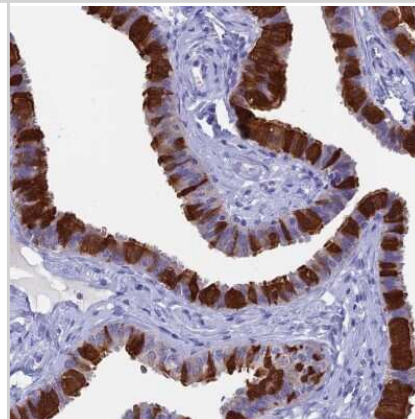
Immunocytochemistry/Immunofluorescence: Calcyphosine Antibody [NBP1-91746] - Staining of human cell line U-251 MG shows localization to nucleoplasm, plasma membrane & cytosol. Antibody staining is shown in green.



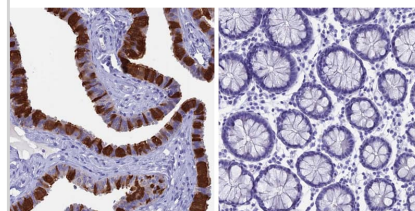
Immunohistochemistry-Paraffin: Calcyphosine Antibody [NBP1-91746] - Staining of human colon shows low expression as expected.



Immunohistochemistry-Paraffin: Calcyphosine Antibody [NBP1-91746] - Staining of human fallopian tube shows high expression.

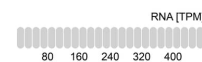
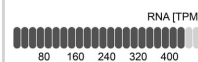


Analysis in human fallopian tube and colon tissues using Anti-CAPS antibody. Corresponding CAPS RNA-seq data are presented for the same tissues.



CAPS in Fallopian tube

CAPS in Colon



## Publications

Griesinger AM, Riemondy K, Eswaran N et al. Multi-omic approach identifies hypoxic tumor-associated myeloid cells that drive immunobiology of high-risk pediatric ependymoma iScience 2023-09-15 [PMID: 37694144] (Immunohistochemistry, Human)

Amani V, Donson A M et al. Characterization of 2 Novel Ependymoma Cell Lines With Chromosome 1q Gain Derived From Posterior Fossa Tumors of Childhood. J Neuropathol Exp Neurol 2017-01-07 [PMID: 28863455] (IF/IHC, Human)

Gillen AE, Riemondy KA, Amani V et al. Single-Cell RNA Sequencing of Childhood Ependymoma Reveals Neoplastic Cell Subpopulations That Impact Molecular Classification and Etiology Cell Rep 2020-08-11 [PMID: 32783945]





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### **Products Related to NBP1-91746**

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NBP1-91746PEP	Calcyphosine 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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