

# Product Datasheet

## BAG3 Antibody - BSA Free NBP1-86442

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 12/2/2025 v.20.1

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**NBP1-86442**

BAG3 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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

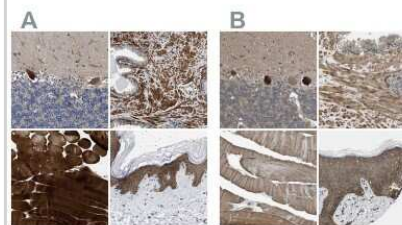
Product Description	
<b>Description</b>	Novus Biologicals Rabbit BAG3 Antibody - BSA Free (NBP1-86442) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-BAG3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9531
<b>Gene Symbol</b>	BAG3
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DSVDPEGRADVVRQARRDGVVRKVQVQVILEKLEQKVIDVPGQVQVYELQPSNLEAD QPLQAIMEMGAVAADKGGKKNAGNAEDPHTTETQQPEATAAATSNPSSMTDTPG NPAAP

Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	IHC reported in scientific literature (PMID: 30081850). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

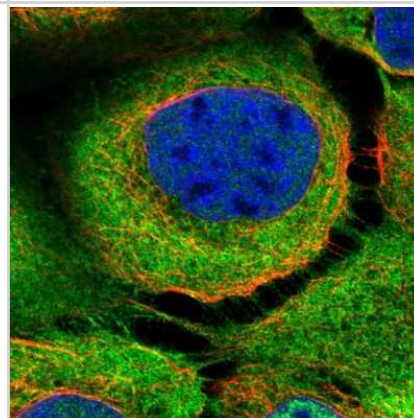


## Images

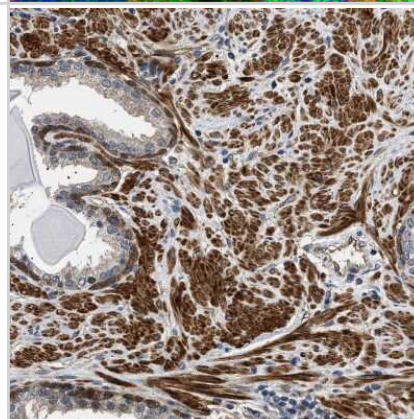
Immunohistochemistry-Paraffin: BAG3 Antibody [NBP1-86442] - Staining of human cerebellum, prostate, skeletal muscle and skin using Anti-BAG3 antibody NBP1-86442 (A) shows similar protein distribution across tissues to independent antibody NBP1-86429 (B).



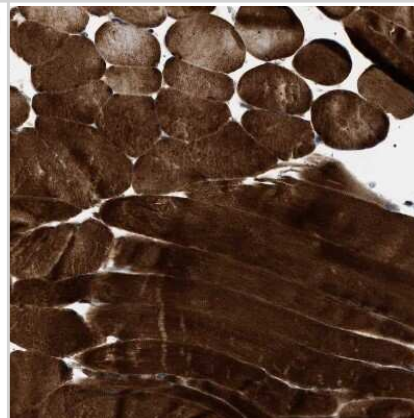
Immunocytochemistry/Immunofluorescence: BAG3 Antibody [NBP1-86442] - Immunofluorescent staining of human cell line A-431 shows localization to plasma membrane & cytosol.



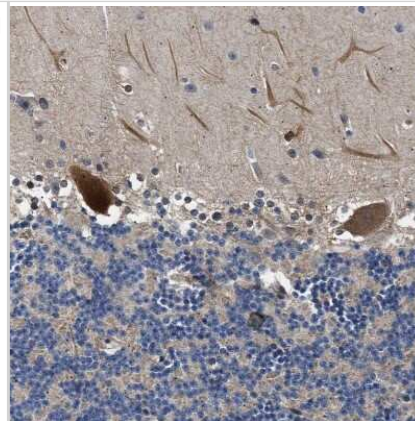
Immunohistochemistry-Paraffin: BAG3 Antibody [NBP1-86442] - Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



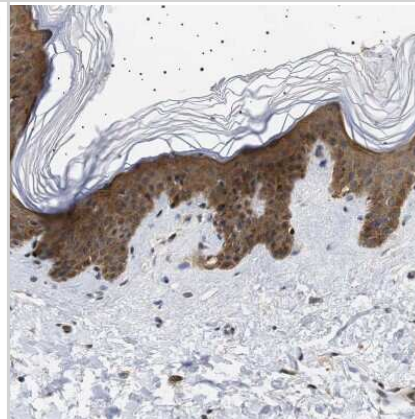
Immunohistochemistry-Paraffin: BAG3 Antibody [NBP1-86442] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: BAG3 Antibody [NBP1-86442] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: BAG3 Antibody [NBP1-86442] - Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



## Publications

Abdel-Nour M, Ramaglia V, Bianchi AA, Tsalikis J The eIF2 alpha kinase HRI triggers the autophagic clearance of cytosolic protein aggregates 33168630 2020-01-01 [PMID: 33168630] (Immunohistochemistry, Human)

Mukherjee, T, Ramaglia, V Et al. The eIF2 alpha kinase HRI triggers the autophagic clearance of cytosolic protein aggregates. J Biol Chem 2020-12-02 [PMID: 33410405] (WB, Human)

Li N, Chen M, Cao Y et al. Bcl-2-associated athanogene 3(BAG3) is associated with tumor cell proliferation, migration, invasion and chemoresistance in colorectal cancer BMC Cancer 2018-08-06 [PMID: 30081850] (IF/IHC, Human)



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### **Products Related to NBP1-86442**

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NBP1-86442PEP	BAG3 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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