

# Product Datasheet

## ATG5 Antibody - BSA Free **NBP2-54702**

Unit Size: 100 ul

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

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### Publications: 1

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**NBP2-54702**

ATG5 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2), 40% Glycerol

**Product Description**

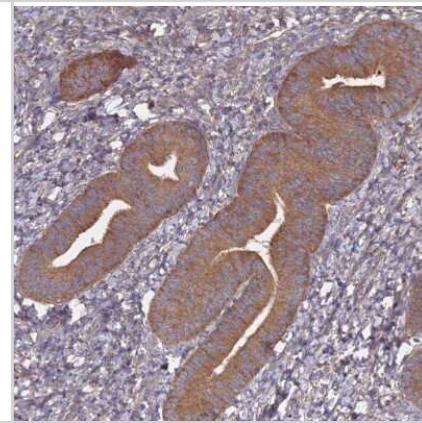
<b>Description</b>	Novus Biologicals Rabbit ATG5 Antibody - BSA Free (NBP2-54702) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATG5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9474
<b>Gene Symbol</b>	ATG5
<b>Species</b>	Human
<b>Immunogen</b>	This ATG5 antibody was developed against a Recombinant Protein corresponding to amino acids: MSCMKEADALKHKSQVINEMQKKDHKQLWMGLQNDRFDQFWAINRKLMEYP AEENGFRYIPFRIYQTTTERPFIQKLFRPVAADGQLHTLGDLLKEVCPSAIDPED GEKKNQVMIHGIEPMLETPLQWLSEHLSYPDNFL

**Product Application Details**

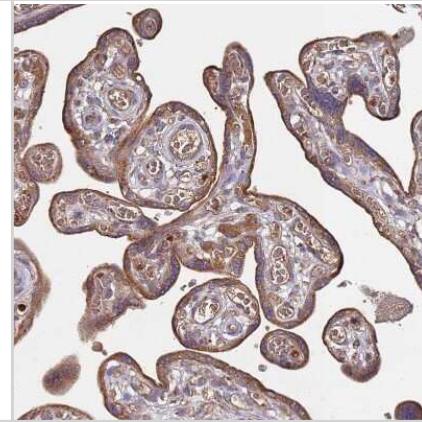
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

## Images

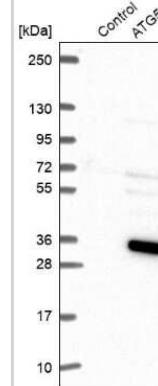
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human endometrium shows moderate cytoplasmic positivity in glandular cells.



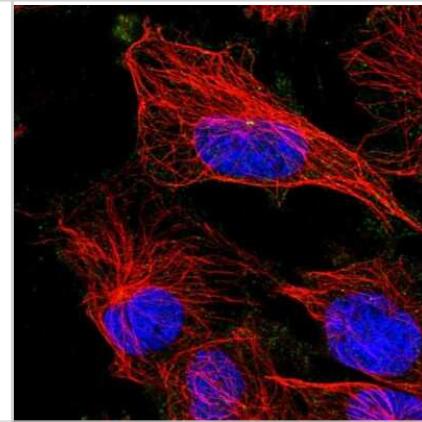
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



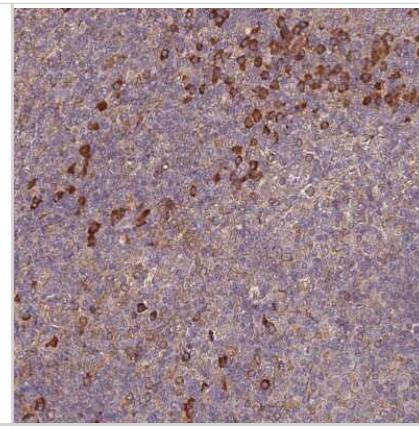
Western Blot: ATG5 Antibody [NBP2-54702] - Western blot analysis in control (vector only transfected HEK293T lysate) and ATG5 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



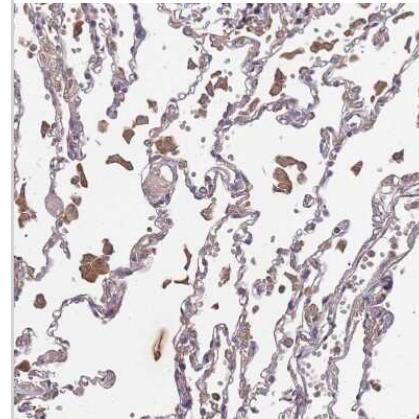
Immunocytochemistry/Immunofluorescence: ATG5 Antibody [NBP2-54702] - Immunocytochemistry analysis of human cell line U-251 MG shows localization to centrosome. Antibody staining is shown in green.



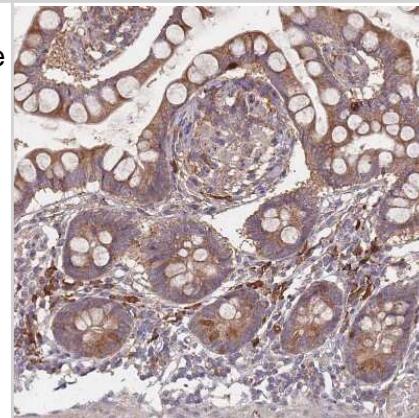
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] -  
Immunohistochemistry analysis of human tonsil shows moderate to  
strong cytoplasmic positivity in a subset of lymphoid cells.



Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] -  
Immunohistochemistry analysis of human lung shows moderate  
cytoplasmic positivity in macrophages.



Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] -  
Immunohistochemistry analysis of human small intestine shows moderate  
to strong cytoplasmic positivity in glandular cells and lymphoid cells.



## Publications

Kiss MG, Papac-Mili?evi? N, Porsch F et al. Cell-autonomous regulation of complement C3 by factor H limits macrophage efferocytosis and exacerbates atherosclerosis. *Immunity* 2023-07-18 [PMID: 37499656] (IHC, Mouse)



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## Products Related to NBP2-54702

NBP2-54702PEP	ATG5 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

## 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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