

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.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-54702

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-54702



NBP2-54702

ATG5 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2), 40% Glycerol

Product Description

Description	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.
Host	Rabbit
Gene ID	9474
Gene Symbol	ATG5
Species	Human
Immunogen	This ATG5 antibody was developed against a Recombinant Protein corresponding to amino acids: MSCMKEADALKHKSQVINEMQKKDHKQLWMGLQNDRFDQFWAINRKLMEYP AEENGFRYIPFRIYQTTTERPFIQKLFRPVAADGQLHTLGDLLKEVCPSAIDPED GEKKNQVMIHGIEPMLETPLQWLSEHLSYPDNFL

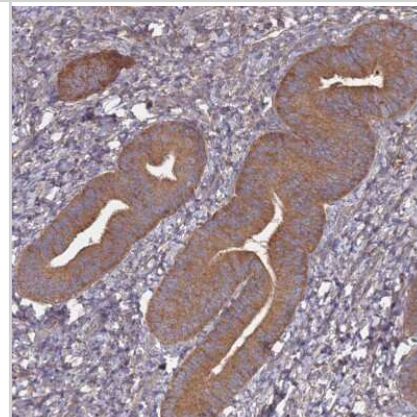
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

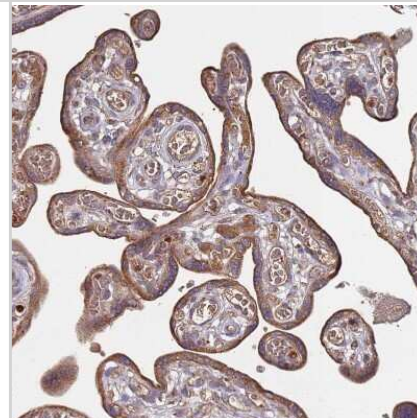


Images

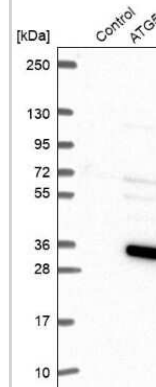
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human endometrium shows moderate cytoplasmic positivity in glandular cells.



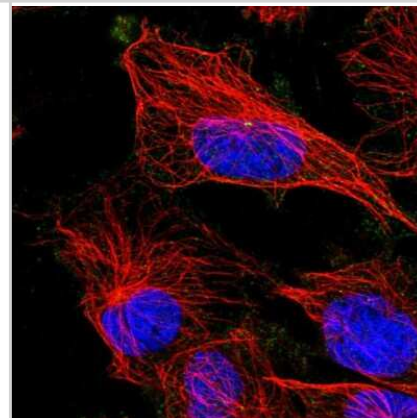
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



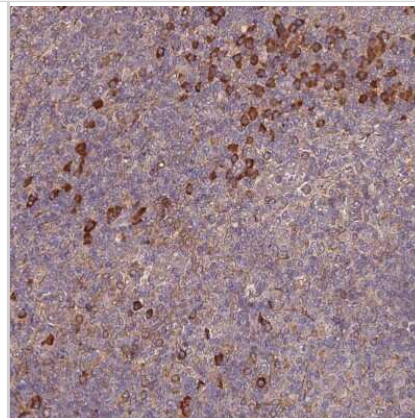
Western Blot: ATG5 Antibody [NBP2-54702] - Western blot analysis in control (vector only transfected HEK293T lysate) and ATG5 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



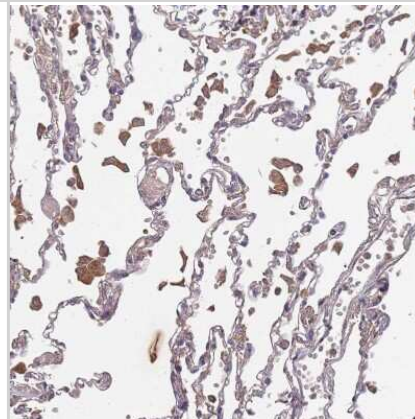
Immunocytochemistry/Immunofluorescence: ATG5 Antibody [NBP2-54702] - Immunocytochemistry analysis of human cell line U-251 MG shows localization to centrosome. Antibody staining is shown in green.



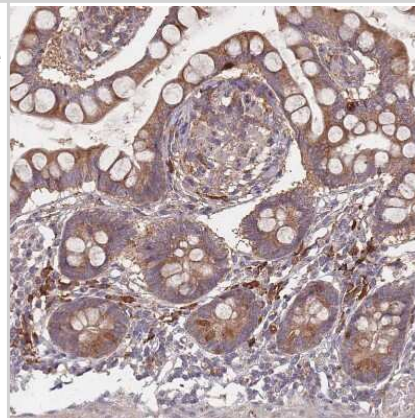
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human tonsil shows moderate to strong cytoplasmic positivity in a subset of lymphoid cells.



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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-54702

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

