

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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NBP2-54702

ATG5 Antibody - BSA Free

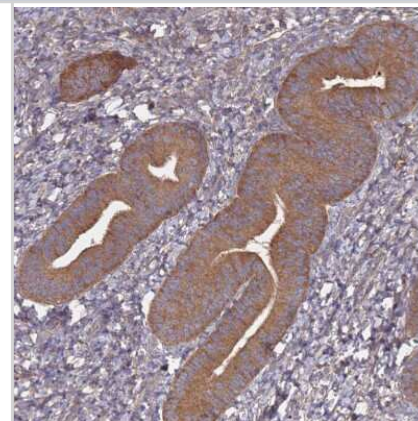
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
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 AEENGFRIYIPFRIYQTTTERPFIQKLFPRPVAADGQLHTLGDLLKEVCPSAIDPED GEKKNQVMIHGIEPMLETPLQWLSEHLSYPDNFL

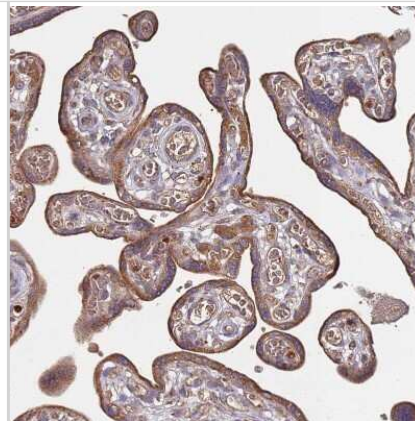
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 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

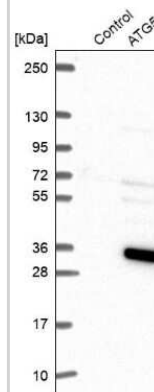
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human endometrium shows moderate cytoplasmic positivity in glandular cells.



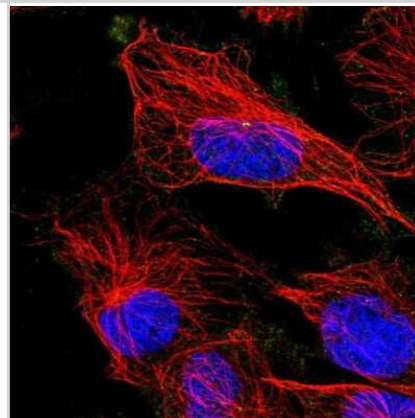
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



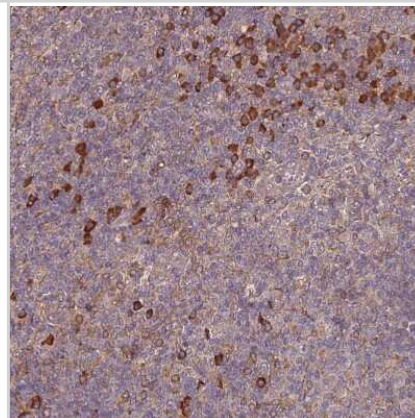
Western Blot: ATG5 Antibody [NBP2-54702] - Western blot analysis in control (vector only transfected HEK293T lysate) and ATG5 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



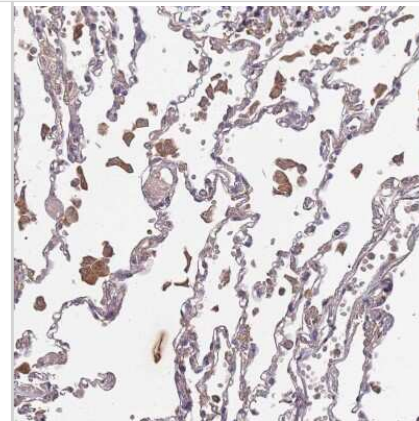
Immunocytochemistry/Immunofluorescence: ATG5 Antibody [NBP2-54702] - Immunocytochemistry analysis of human cell line U-251 MG shows localization to centrosome. Antibody staining is shown in green.



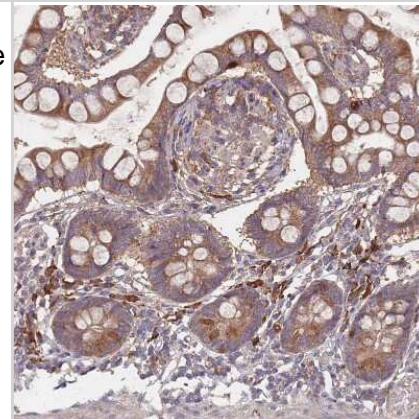
Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-54702] - Immunohistochemistry analysis of human tonsil shows moderate to strong cytoplasmic positivity in a subset of lymphoid cells.



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)



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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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