

Product Datasheet

ATG12 Antibody (166) - Azide and BSA Free NBP2-43781

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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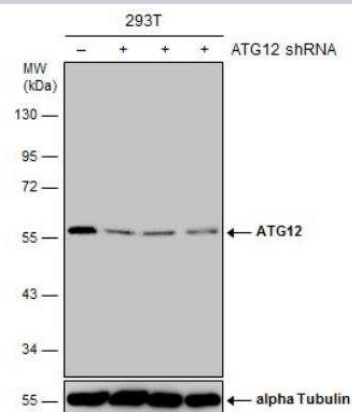
NBP2-43781

ATG12 Antibody (166) - Azide and BSA Free

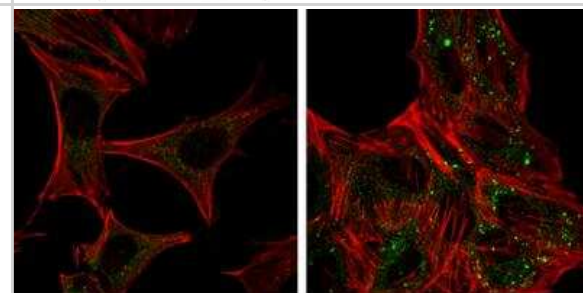
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	166
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	15 kDa
Product Description	
Host	Mouse
Gene ID	9140
Gene Symbol	ATG12
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Porcine (81%), Chimpanzee (82%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human ATG12. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Proximity Ligation Assay
Application Notes	PLA-Assay dependent.

Images

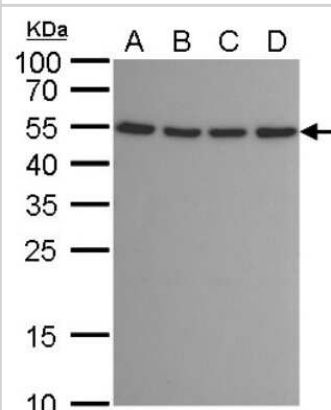
Western Blot: ATG12 Antibody (166) [NBP2-43781] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATG12 antibody [166].



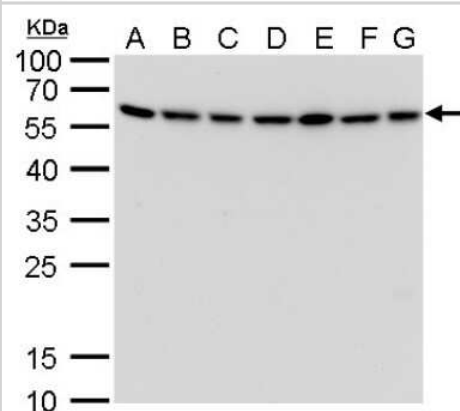
Immunocytochemistry/Immunofluorescence: ATG12 Antibody (166) [NBP2-43781] - Analysis of Samples: HeLa cells mock (left) and treated with 50uM Chloroquine for 24 hr (right) were fixed in 4% paraformaldehyde at RT for 15 min. Green: ATG12 protein stained by ATG12 antibody [166]. Red: Phalloidin, a F-actin marker.



Western Blot: ATG12 Antibody (166) [NBP2-43781] - Analysis of A. 30 ug 293T whole cell lysate/extract B. 30 ug A431 whole cell lysate/extract C. 30 ug HeLa whole cell lysate/extract D. 30 ug HepG2 whole cell lysate/extract 12 % SDS-PAGE ATG12 antibody [166] dilution: 1:1000



Western Blot: ATG12 Antibody (166) [NBP2-43781] - Analysis of A. 30 ug Neuro2A whole cell lysate/extract B. 30 ug GL261 whole cell lysate/extract C. 30 ug C8D30 whole cell lysate/extract D. 30 ug NIH-3T3 whole cell lysate/extract E. 30 ug BCL-1 whole cell lysate/extract F. 30 ug Raw264.7 whole cell lysate/extract G. 30 ug C2C12 whole cell lysate/extract 12 % SDS-PAGE ATG12 antibody [166] dilution: 1:1000



Publications

Bechor S, Nachmias D, Elia N et al. Adipose tissue conditioned media support macrophage lipid-droplet biogenesis by interfering with autophagic flux. *Biochim. Biophys. Acta.* 2017-06-23 [PMID: 28652194] (WB, 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 NBP2-43781

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00009140-P02-10ug	Recombinant Human ATG12 GST (N-Term) Protein

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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