

Product Datasheet

ATG5 Antibody - BSA Free NBP2-24389

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-24389

Updated 10/23/2024 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/NBP2-24389



NBP2-24389

ATG5 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
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

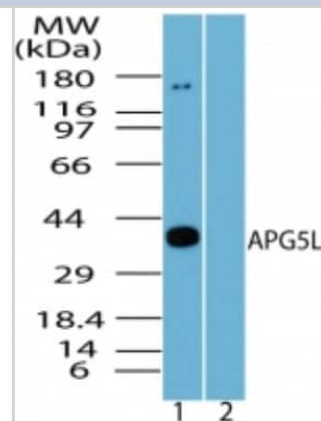
Product Description	
Host	Rabbit
Gene ID	9474
Gene Symbol	ATG5
Species	Human, Mouse, Rat, Porcine, Bovine
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: 100% homologous in Opossum, Equine, Canine, Monkey, Chimpanzee; Xenopus (80%).
Immunogen	This ATG5 antibody is made against a portion of amino acid 1-50 of human APG5L.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5 - 2 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL
Application Notes	The optimal dilution should be determined by the end user.

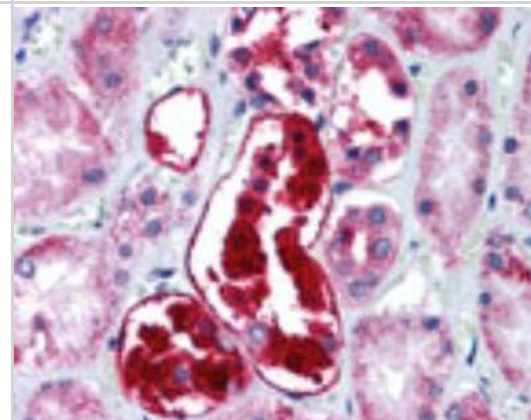


Images

Western Blot: ATG5 Antibody [NBP2-24389] - Western blot analysis of human APGL5 in T98G cell lysate in 1) absence, 2) presence of immunizing peptide using this antibody at 1 ug/mL.



Immunohistochemistry-Paraffin: ATG5 Antibody [NBP2-24389] - Immunohistochemistry analysis of human kidney using this antibody at 5 ug/mL.



Publications

Kallergi E, Siva Sankar D, Matera A et al. Profiling of purified autophagic vesicle degradome in the maturing and aging brain Neuron 2023-05-26 [PMID: 37279748] (WB, Mouse)

Details:
WB 1:1000

Wen Y, Chen Z, Tian Y et al. Incomplete autophagy promotes the proliferation of Mycoplasma hyopneumoniae through the JNK and Akt pathways in porcine alveolar macrophages Veterinary research 2022-08-04 [PMID: 35927699] (WB, Porcine)

Lyu L, Chen Z, McCarty N TRIM44 links the UPS to SQSTM1/p62-dependent aggrephagy and removing misfolded proteins Autophagy 2021-08-12 [PMID: 34382902] (WB, Human)

Wang Z, Wen Y, Zhou B et al. Incomplete autophagy promotes the replication of Mycoplasma hyopneumoniae Journal of microbiology (Seoul, Korea) 2021-08-01 [PMID: 34219210]

Bandyopadhyaya A, Tzika AA, Rahme LG Pseudomonas aeruginosa Quorum Sensing Molecule Alters Skeletal Muscle Protein Homeostasis by Perturbing the Antioxidant Defense System MBio 2019-10-01 [PMID: 31575771] (WB, Mouse)

Herrema H, Zhou Y, Zhang D et al. XBP1s is an antilipogenic protein. J. Biol. Chem. 2016-06-20 [PMID: 27325692] (WB)



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 NBP2-24389

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-53818PEP	ATG5 Antibody Blocking Peptide

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/NBP2-24389

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

