

ATG5 Polyclonal Antibody

Product Details	
Size	500 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the C-terminal residues of human APG-5L.
Form	Lyophilized
Concentration	1 mg/mL
Purification	Protein G
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.
RRID	AB_2062336

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200	-
Immunohistochemistry (Frozen) (IHC (F))	1:200-1:1,000	-
Immunocytochemistry (ICC/IF)	1:20-1:200	-
Immunoprecipitation (IP)	5 µg/mL	-

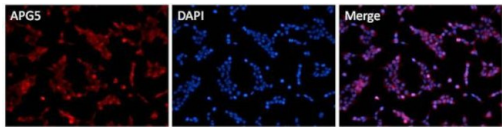
Product Specific Information

Reconstitute with 500 µL of distilled water. After reconstitution, store aliquots at -20°C for a higher stability, and at 4°C with an appropriate antibacterial agent.

Product Images For ATG5 Polyclonal Antibody

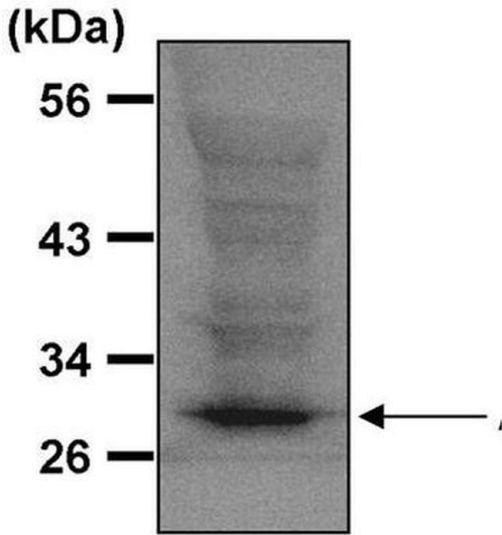
ATG5 Antibody (PA1-18285) in ICC/IF

Immunofluorescent analysis of APG5 (red) in HEK293T cells. Cells fixed with 4% formaldehyde were permeabilized and blocked with 1X PBS containing 5% BSA and 0.3% Triton X-100 for 1 hour at room temperature. Cells were probed with an APG5 polyclonal antibody (Product # PA1-18285) at a dilution of 1:20 overnight at 4°C in 1X PBS containing 1% BSA and 0.3% Triton X-100, washed with 1X PBS, and incubated with a fluorophore-conjugated goat anti-rabbit IgG secondary antibody at a dilution of 1:200 for 1 hour at room temperature. Nuclei (blue) were stained with DAPI. Images were taken at 20X magnification. Data courtesy of the Innovators Program.



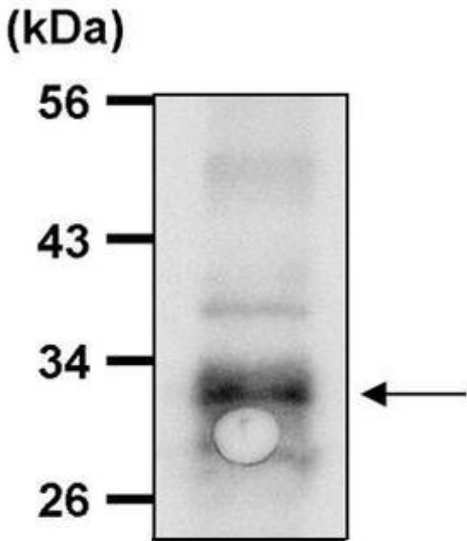
ATG5 Antibody (PA1-18285) in WB

Western blot analysis of APG5 was performed by loading 30 µg of HEK293T whole cell lysate per well onto an SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% non-fat dry milk in TBST for 1 hour at room temperature. The membrane was probed with an APG5 polyclonal antibody (Product # PA1-18285) at a dilution of 1:200 overnight at 4°C, washed in TBST, and probed with an HRP-conjugated goat anti-rabbit IgG secondary antibody at a dilution of 1:40,000 for 1 hour at room temperature. Detection was performed using ECL substrate. Data courtesy of the Innovators Program.



ATG5 Antibody (PA1-18285) in IP

Immunoprecipitation of APG5 was performed on HEK293T cells. Antigen-antibody complexes were formed by incubating 500 µg of HEK293T whole cell lysate (in 500 µL volume) with 5 µL of an APG5 Antibody (Product # PA1-18285) overnight at 4°C. The immune complexes were captured on 30 µL of protein G agarose, washed extensively, and eluted with 6X non-reducing Laemmli buffer. Samples were resolved on a 12% SDS-PAGE, transferred to a PVDF membrane, and blocked with 5% milk in TBST for 1 hour at room temperature. The membrane was probed with an APG5 polyclonal antibody (Product # PA1-18285) at a dilution of 1:200 overnight at 4°C, washed in TBST, and probed with an HRP-conjugated goat anti-rabbit IgG secondary antibody at a dilution of 1:40,000 for 1 hour at room temperature. Chemiluminescent detection was performed using ECL substrate. Data courtesy of the Innovators Program.



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.