

# ATG12 Polyclonal Antibody

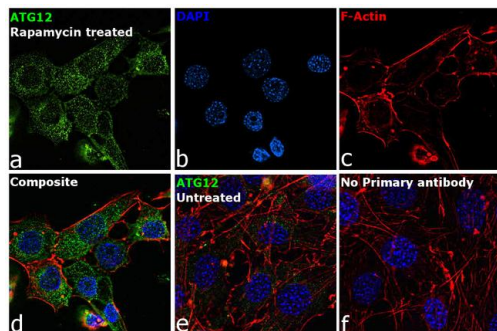
Product Details	
Size	100 µL
Species Reactivity	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues near the amino terminus of mouse Atg12
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 100µg/mL BSA, 50% glycerol, 0.15M NaCl
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10985246

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-
Immunoprecipitation (IP)	1:25	-

## Product Specific Information

It is not recommended to aliquot this antibody.

## Product Images For ATG12 Polyclonal Antibody

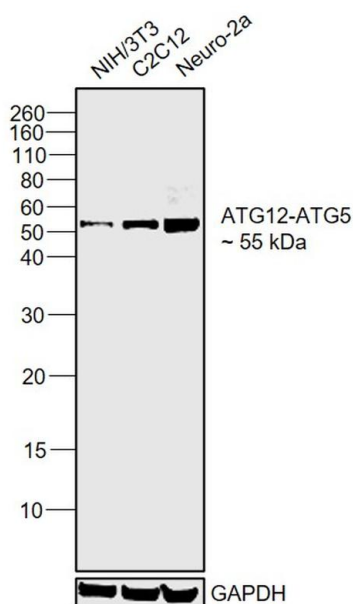


### ATG12 Antibody (PA5-17218)

Detection of altered subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis using ATG12 Polyclonal Antibody (Product # PA5-17218), shows increased expression of protein in NIH/3T3 cell line upon treatment with Rapamycin. {TM}

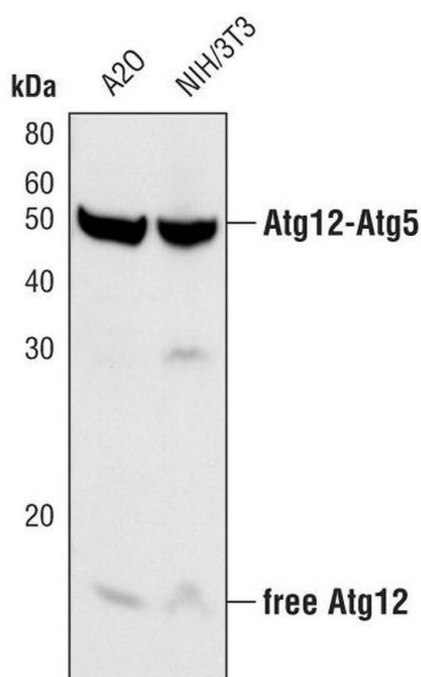
### ATG12 Antibody (PA5-17218) in WB

Western blot was performed using Anti-ATG12 Polyclonal Antibody (Product # PA5-17218) and a 55kDa band corresponding to ATG12-ATG5 was observed across cell lines tested. Whole cell extracts (30 µg lysate) of NIH/3T3 (Lane 1), C2C12 (Lane 2) and Neuro-2a (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Reagent Kit (Product # WP20005).



### ATG12 Antibody (PA5-17218) in WB

Western blot analysis of Atg12 in extracts from A20 and NIH/3T3 cell lines using Atg12 polyclonal antibody (Product # PA5-17218).



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