

# Anti-Atg5 Antibody

Mouse Monoclonal Antibody  
Catalog # AP53482

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9H1Y0</a>
<b>Other Accession</b>	<a href="#">NM_001286</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Immunogen</b>	Synthetic peptide.
<b>Purification</b>	Affinity purified
<b>Calculated MW</b>	55 KDa

## Additional Information

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<b>Other Names</b>	APG 5;APG 5L;APG5;APG5 autophagy 5 like;APG5 like;APG5-like;APG5L;Apoptosis specific protein;Apoptosis-specific protein;ASP;ATG 5;Atg5;ATG5 autophagy related 5 homolog;ATG5_HUMAN;Autophagy protein 5;hAPG5;Homolog of S Cerevisiae autophagy 5;OTTHUMP00000040507.
<b>Dilution</b>	WB~1:1000
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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### Background

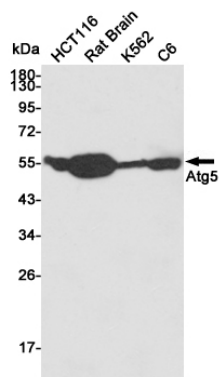
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Required for autophagy. Conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. The conjugate detaches from the membrane immediately before or after autophagosome formation is completed. May play

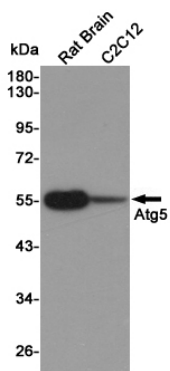
### Images

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Western blot detection of Atg5 in HCT116,Rat Brain,K562



and C6 cell lysates using Atg5 mouse mAb (1:1000 diluted). Predicted band size: 55 kDa. Observed band size: 55 kDa.



Western blot detection of Atg5 in Rat Brain and C2C12 cell lysates using Atg5 mouse mAb (1:1000 diluted). Predicted band size: 55 kDa. Observed band size: 55 kDa.

## Citations

- [The protective effects of long non-coding RNA-ANCR on arterial calcification](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.