

Anti-Human/Mouse/Rat ATG5 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA12943

3th Edition

Description:Autophagy protein 5 is a protein that in humans is encoded by the ATG5 gene. It is an E3 ubiquitinligase which is necessary for autophagy due to its role in autophagosome elongation. It is activated by ATG7 and forms a complex with ATG12 and ATG16L1. This complex is necessary for LC3-1 conjugation to PE to form LC3-II.

Antigen:Recombinant protein of human ATG5

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Ubiquitous. The mRNA is present at similar levels in viable and apoptotic cells, whereas the protein is dramatically highly expressed in apoptotic cells.