

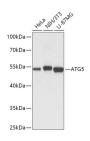
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ATG5 Polyclonal Antibody

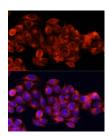
Catalog No. E-AB-60008 Reactivity H,M,R Storage Store at -20°C. Avoid freeze / thaw cycles. Rabbit Host **Applications** WB.IF **Isotype IgG**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using ATG5 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of HeLa cells using ATG5 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen Recombinant fusion protein of human ATG5

(NP 004840.1).

GeneID 9474 **Swissprot** Q9H1Y0

Synonyms ATG5,APG5,APG5-LIKE,APG5L,ASP,hAPG5

Product Information

Calculated MW 22kDa/32kDa

Observed MW 55kDa

Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purify Affinity purification

Dilution WB 1:500-1:2000 IF 1:50-1:200

Background

The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene.