

Product datasheet for TA362904

OriGene Technologies, Inc.

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Atg5 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Mouse Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of mouse ATG5

Specificity: Expected reactivity: Mouse

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification:Affinity purifiedConjugation:Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 30 kDa

Gene Name: autophagy related 5

Database Link: NP 001300942.1

Entrez Gene 11793 Mouse

Q99J83

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. Two transcript variants encoding different protein isoforms

have been found for this gene.

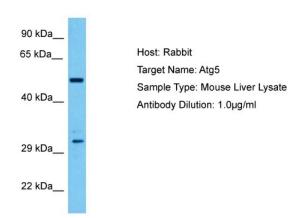




Synonyms:

APG5; APG5-LIKE; APG5L; ASP; hAPG5; OTTHUMP00000017824

Product images:



Host: Rabbit Target Name: ATG5

Sample Tissue: Mouse Liver lysates

Antibody Dilution: 1ug/ml