

Product datasheet for TA357523

Atg7 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Rat

Rabbit Host:

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the C-terminal region of Rat Atg7

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat

Homology: Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Rabbit: 93%; Rat: 100%

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 Purified Conjugation: Unconjugated

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

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 76kDa

Gene Name: autophagy related 7

Database Link: NP 001012097

Entrez Gene 312647 Rat

Q641Y5

Background: Atg7 functions as an E1 enzyme essential for multisubstrates such as ATG8-like proteins and

> ATG12. It forms intermediate conjugates with ATG8-like proteins (GABARAP, GABARAPL1, GABARAPL2 or MAP1LC3A). PE-conjugation to ATG8-like proteins is essential for autophagy. It

also acts as an E1 enzyme for ATG12 conjugation to ATG5 and ATG3.

APG7-LIKE; APG7L; DKFZp434N0735; GSA7; hAGP7 Synonyms:



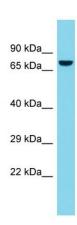
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:



Host: Rabbit Target Name: Atg7

Sample Type: Rat Thymus lysates Antibody Dilution: 1.0ug/ml