

**ATG7 Rabbit pAb****db308****Package : 20µL 50µL 100µL****Product Name :** ATG7 Rabbit pAb**Cat.No.:** db308**Synonyms :** GSA7; APG7L; APG7-LIKE**Application :** WB, ICC/IF**Reactivity :** Human, Mouse, Rat**Host species :** Rabbit**Background**

This gene encodes an E1-like activating enzyme that is essential for autophagy and cytoplasmic to vacuole transport. The encoded protein is also thought to modulate p53-dependent cell cycle pathways during prolonged metabolic stress. It has been associated with multiple functions, including axon membrane trafficking, axonal homeostasis, mitophagy, adipose differentiation, and hematopoietic stem cell maintenance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

**Immunogen**

A synthetic peptide of human Apg7

**Gene ID**

10533

**Swiss Prot**

O95352

**Synonyms**

GSA7; APG7L; APG7-LIKE

**Reactivity**

Human, Mouse, Rat

**Application**

WB, ICC/IF

**Recommended dilution**

WB: 1:2000-1:10000

ICC/IF: 1:20-1:100

**Calculated MW**

78 kDa

**Observed MW**

78 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

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