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ATG7 Polyclonal Antibody

Cat #: G-AB-05427

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
ATG7 (Autophagy Related 7) is a Protein Coding gene. Among its related pathways are Autophagy Pathway and Innate Immune System. GO annotations related to this gene include protein homodimerization activity and ubiquitin activating enzyme activity. 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.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to mouse ATG7

Conjugation: Unconjugated

Swissprot: O95352,Q9D906

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:200-1:800

Storage: Store at -20°C. Avoid freeze / thaw cycles.