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# ATG4C Polyclonal Antibody

**Cat #:** G-AB-11674

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:**

**Overview:**
Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized.

**Gene ID:** 84938

**Accession #:**

**Immunogen:** Recombinant fusion protein of human ATG4C (NP_116241.2).

**Conjugation:** Unconjugated

**Swissprot:** Q96DT6

**Calculated Molecular Weight:** 52 kDa

**Observed Molecular Weight:** 52 kDa

**Concentration:** 1 mg/mL

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

**Purification Method:** Affinity purification

**Application:** WB

**Dilution:** WB 1:500-1:2000

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