

## ATG4B

**Reactivity:** Human

**Tested applications:** WB

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

**Calculated MW:** 44kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human ATG4B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

APG4B; AUTL1;

**Catalog #:** A2837

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 23192

**Isotype:** IgG

**Swiss Prot:** Q9Y4P1

**Purity:** Affinity purification

For research use only.

**Background:**

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 different isoforms, have been characterized.

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