

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:

ch

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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