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ATG4B Rabbit pAb

Catalog No.: A2837 7 Publications

Basic Information

Observed MW
48kDa

Calculated MW
44kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

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.

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
23192

Swiss Prot
Q9Y4P1

Immunogen
Recombinant Protein corresponding to a sequence within amino acids 1-393 of human ATG4B (NP_037457.3).

Synonyms
APG4B; AUTL1; HsAPG4B; ATG4B

Contact

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Product Information

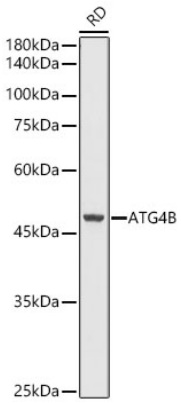
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

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

Validation Data



Western blot analysis of lysates from RD cells using ATG4B Rabbit pAb(A2837) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.