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ATG4B Polyclonal Antibody

Cat #: G-AB-10197

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 different isoforms, have been characterized.

Gene ID: 23192

Accession #:

Immunogen: Recombinant fusion protein of human ATG4B (NP_037457.3).

Conjugation: Unconjugated

Swissprot: Q9Y4P1

Calculated Molecular Weight: 31 kDa/37 kDa/42 kDa/44 kDa/52 kDa

Observed Molecular Weight: 44 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.