

ATG4A rabbit pAb

Cat No.: ES8928

For research use only

Overview

Product Name ATG4A rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000, ELISA 1:10000-20000

Immunogen Synthesized peptide derived from human ATG4A

Polyclonal

Specificity This antibody detects endogenous levels of ATG4A. **Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Cysteine protease ATG4A (EC 3.4.22.-) (AUT-like 2

cysteine endopeptidase) (Autophagin-2)

(Autophagy-related cysteine endopeptidase 2)
(Autophagy-related protein 4 homolog A) (hAPG4A)

Gene Name ATG4A APG4A AUTL2

Cellular localization Cytoplasm.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 40kD
Human Gene ID 115201
Human Swiss-Prot Number Q8WYN0

Alternative Names Cysteine protease ATG4A (EC 3.4.22.-) (AUT-like 2

cysteine endopeptidase) (Autophagin-2)

(Autophagy-related cysteine endopeptidase 2)
(Autophagy-related protein 4 homolog A) (hAPG4A)

Autophagy related protein rhomology, (in a c

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

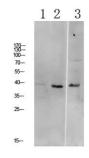


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during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. 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. [provided by RefSeq, Mar 2016],

Western blot analysis of mouse-liver lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



- 1 mouse-lung
- 2 mouse-kidney
- 3 mouse-liver



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