

## ATG4a Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14391
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Recombinant Protein of ATG4a
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Cysteine protease ATG4A
<b>Synonyms</b>	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; 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

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

### Recommended Dilution

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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