

## Rabbit anti-Human ATG4B Polyclonal Antibody | anti-ATG4B antibody

ATG4B Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA306613</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

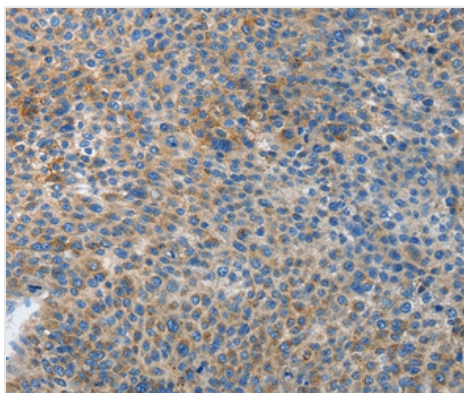
### PRODUCT SYNONYMS

ATG4B; Polyclonal Antibody; ATG4B Antibody; APG4B; AUTL1; anti-ATG4B antibody

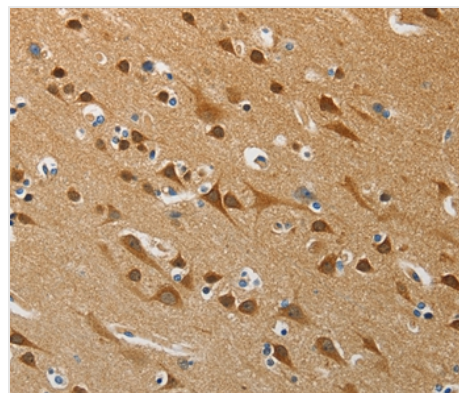
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                       |
| Reactivity                                      | Human                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                   |
| Specificity                                     | The antibody detects endogenous levels of total ATG4B protein.                                                               |
| Purity/Purification                             | Antigen affinity purification.                                                                                               |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                              |
| Concentration                                   | 2 mg/ml (varies by lot)                                                                                                      |
| Sequence Length                                 | 393                                                                                                                          |
| Applicable Applications for anti-ATG4B antibody | IHC (Immunohistochemistry)                                                                                                   |
| Immunogen Type                                  | Peptide                                                                                                                      |
| Immunogen Description                           | Synthetic peptide corresponding to a region derived from internal residues of human autophagy related 4B, cysteine peptidase |
| Target Name                                     | ATG4B                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                                        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/50.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/50.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ATG4B antibody | 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. |
| Product Categories/Family for anti-ATG4B antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 47132611                                                               |
| NCBI GeneID                      | 23192                                                                  |
| NCBI Accession #                 | NP_037457.3                                                            |
| NCBI GenBank Nucleotide #        | NM_013325.4                                                            |
| UniProt Accession #              | Q9Y4P1; Q53NU4; Q6ZUV8; Q8WYM9; Q96K07; Q96K96; Q96SZ1; Q9Y2F2; B7WNK2 |
| Molecular Weight                 | 42,622 Da                                                              |
| NCBI Official Full Name          | cysteine protease ATG4B isoform a                                      |
| NCBI Official Synonym Full Names | autophagy related 4B, cysteine peptidase                               |
| NCBI Official Symbol             | ATG4B                                                                  |
| NCBI Official Synonym Symbols    | APG4B; AUTL1                                                           |
| NCBI Protein Information         | cysteine protease ATG4B                                                |
| UniProt Protein Name             | Cysteine protease ATG4B                                                |
| UniProt Gene Name                | ATG4B                                                                  |
| UniProt Synonym Gene Names       | APG4B; AUTL1; KIAA0943; hAPG4B                                         |
| UniProt Entry Name               | ATG4B_HUMAN                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/atg4b-antibody-immunohistochemistry-elisa/306613>