

## Rabbit APG4B / ATG4B Polyclonal Antibody | anti-APG4B antibody

Rabbit Polyclonal (IgG) to Human APG4B / ATG4B

| CATALOG # | HOST   | REACTIVITY                                                 | APPLICATIONS                       |
|-----------|--------|------------------------------------------------------------|------------------------------------|
| AAA50839  | Rabbit | Chicken, Xenopus, Human, Mouse, Pufferfish, Rat, Zebrafish | Western Blot, Immunohistochemistry |

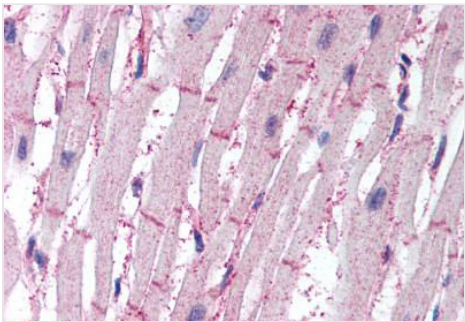
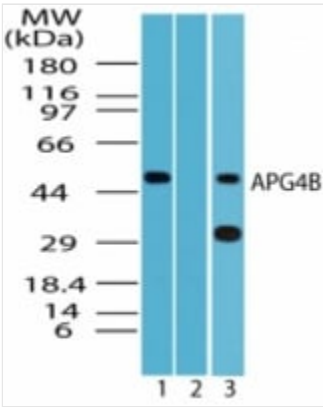
### PRODUCT SYNONYMS

APG4B / ATG4B; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human APG4B / ATG4B; Anti-APG4B / ATG4B Antibody IHC-plus; ATG4B; APG4 autophagy 4 homolog B; AUTL1; Autophagin-1; Cysteine protease ATG4B; HAPG4B; APG4B; KIAA0943; Human APG4B; anti-APG4B antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                        |
| Reactivity                                      | Chicken, Xenopus, Human, Mouse, Pufferfish, Rat, Zebrafish                                    |
| Clonality                                       | Polyclonal                                                                                    |
| Isotype                                         | IgG                                                                                           |
| Specificity                                     | A portion of amino acid 350-400 of human APG4B                                                |
| Purity/Purification                             | Protein G Purified                                                                            |
| Form/Format                                     | PBS, 0.2% gelatin, 0.05% sodium azide.                                                        |
| Concentration                                   | 0.5 mg/ml (varies by lot)                                                                     |
| Sequence Length                                 | 393                                                                                           |
| Applicable Applications for anti-APG4B antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                 |
| Target Species                                  | Human                                                                                         |
| Immunogen Description                           | Synthetic peptide from human ATG4B.                                                           |
| Immunogen Type                                  | Synthetic peptide                                                                             |
| Immunogen                                       | APG4B / ATG4B antibody was raised against synthetic peptide from human ATG4B.                 |
| Preparation and Storage                         | Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. |

IMAGES



IHC (Immunohistochemistry)  
Anti-ATG4B antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)  
Western blot of APG4B in HeLa cell lysate in the 1) absence, and 2) presence of immunizing peptide and 3) RAW cell lysate using antibody at 2 ug/ml.

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; hAPG4B; autophagin-1; APG4 autophagy 4 homolog B; AUT-like 1 cysteine endopeptidase; ATG4 autophagy related 4 homolog B; autophagy-related protein 4 homolog B; autophagy-related cysteine endopeptidase 1 |
| 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.