# Rabbit ATG5 Polyclonal Antibody | anti-ATG5 antibody

ATG5 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA280824** | **Rabbit** | **Human, Mouse, Rat** | **Immunohistochemistry, Western Blot** |

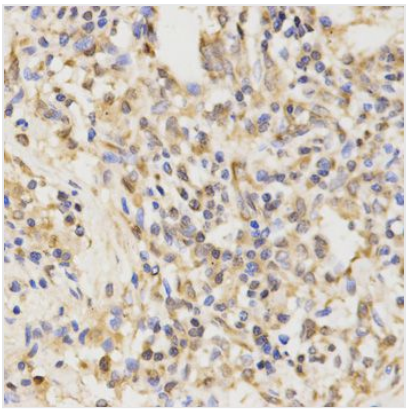
## PRODUCT SYNONYMS

ATG5; Polyclonal Antibody; ATG5 Polyclonal Antibody; APG5; APG5-LIKE; APG5L; ASP; hAPG5; anti-ATG5 antibody

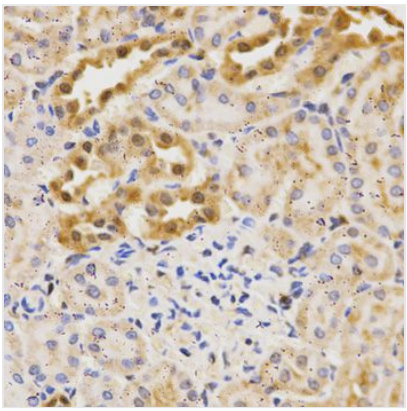
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity Purification |
| **Sequence Length** | 275 |
| **Applicable Applications for anti-ATG5 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Recombinant protein of human ATG5 |
| **Storage Buffer** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |

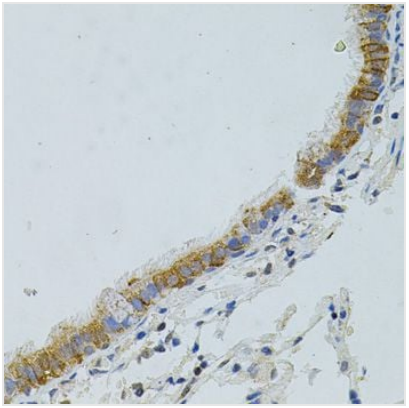
## IMAGES



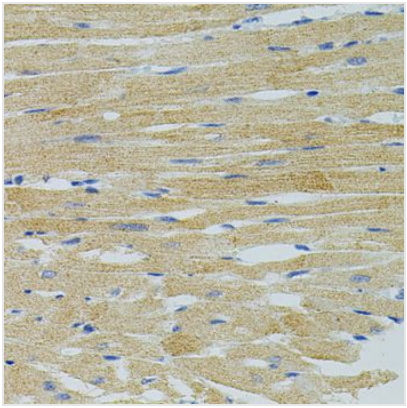
**IHC (Immunohistochemistry)**
Immunohistochemistry of paraffin-embedded human lung cancer using ATG5 antibody at dilution of 1:100 (40x lens).



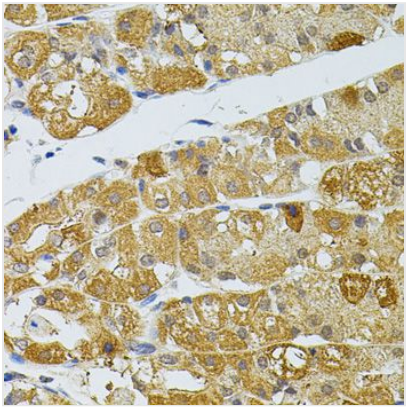
**IHC (Immunohistochemistry)**
Immunohistochemistry of paraffin-embedded rat kidney using ATG5 antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemisry)**
Immunohistochemistry of paraffin-embedded human lung using ATG5 antibody at dilution of 1:100 (40x lens).



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded rat heart using ATG5 antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemistry)**
Immunohistochemistry of paraffin-embedded human stomach using ATG5 antibody at dilution of 1:100 (40x lens).

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-ATG5 antibody** | The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene. |
| **Product Categories/Family for anti-ATG5 antibody** | Primary antibody |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 17366828 |
| **NCBI GeneID** | 9474 |
| **UniProt Accession #** | Q9H1Y0; O60875; Q5JVR2; Q68DI4; Q9H2B8; Q9HCZ7 |
| **Molecular Weight** | 32kDa |
| **NCBI Official Full Name** | Autophagy protein 5 |
| **NCBI Official Synonym Full Names** | autophagy related 5 |
| **NCBI Official Symbol** | ATG5 |
| **NCBI Official Synonym Symbols** | ASP; APG5; APG5L; hAPG5; APG5-LIKE |

| | |
|---|---|
| **NCBI Protein Information** | autophagy protein 5 |
| **UniProt Protein Name** | Autophagy protein 5 |
| **UniProt Gene Name** | **ATG5** |
| **UniProt Synonym Gene Names** | APG5L; ASP |

**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://stage.aaabiotech.com/polyclonal/atg5-antibody-immunohistochemistry-western-blot-elisa/280824