

## Rabbit ATG13 Polyclonal Antibody | anti-ATG13 antibody

Anti-ATG13 Antibody

|                               |                       |                                        |                                                                              |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA261946</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunocytochemistry, Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

ATG13; Polyclonal Antibody; Anti-ATG13 Antibody; KIAA0652; Autophagy-related protein 13; anti-ATG13 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of ATG13 protein.                                                                 |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                 | 517                                                                                                            |
| Applicable Applications for anti-ATG13 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                       | Recombinant full length protein of human ATG13                                                                 |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of ATG13 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of ATG13 expression in T47D (A), SW480 (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-ATG13 antibody | Rabbit polyclonal antibody to ATG13 |
|-----------------------------------------------------|-------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |                           |
|-------------|---------------------------|
| NCBI GI #   | <a href="#">218082953</a> |
| NCBI GeneID | <a href="#">9776</a>      |

|                                  |                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_001136145.1</a>                                                                                                                                                                        |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001142673.2</a>                                                                                                                                                                        |
| UniProt Accession #              | <a href="#">O75143</a> ; <a href="#">Q53EN6</a> ; <a href="#">Q9BRL3</a> ; <a href="#">Q9H8B0</a> ; <a href="#">B4DFI4</a> ; <a href="#">D3DQQ1</a> ; <a href="#">D3DQQ2</a> ; <a href="#">E9PQZ8</a> |
| Molecular Weight                 | 60,155 Da                                                                                                                                                                                             |
| NCBI Official Full Name          | autophagy-related protein 13 isoform 1                                                                                                                                                                |
| NCBI Official Synonym Full Names | autophagy related 13                                                                                                                                                                                  |
| NCBI Official Symbol             | ATG13                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | KIAA0652; PARATARG8                                                                                                                                                                                   |
| NCBI Protein Information         | autophagy-related protein 13                                                                                                                                                                          |
| UniProt Protein Name             | Autophagy-related protein 13                                                                                                                                                                          |
| UniProt Gene Name                | <b>ATG13</b>                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | KIAA0652                                                                                                                                                                                              |
| UniProt Entry Name               | ATG13_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://stage.aaabiotech.com/polyclonal/atg13-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/261946>