

## Rabbit Beclin 1 Polyclonal Antibody | anti-BECN1 antibody

Beclin 1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA311960 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Immunocytochemistry |

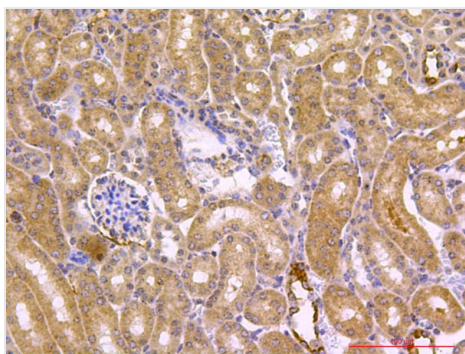
### PRODUCT SYNONYMS

Beclin 1; Polyclonal Antibody; Beclin 1 Antibody; APG6 antibody; ATG 6 antibody; ATG6 antibody; ATG6 autophagy related 6 homolog antibody; Bcl-2-interacting protein beclin antibody; Beclin 1 (coiled coil moesin like BCL2 interacting protein) antibody; Beclin 1 autophagy related antibody; Beclin-1 antibody; Beclin1 antibody; BECN 1 antibody; Becn1 antibody; BECN1\_HUMAN antibody; Coiled coil myosin like BCL2 interacting protein antibody; Coiled-coil myosin-like BCL2-interacting protein antibody; GT197 antibody; Protein GT197 antibody; VPS 30 antibody; VPS30 antibody; anti-BECN1 antibody

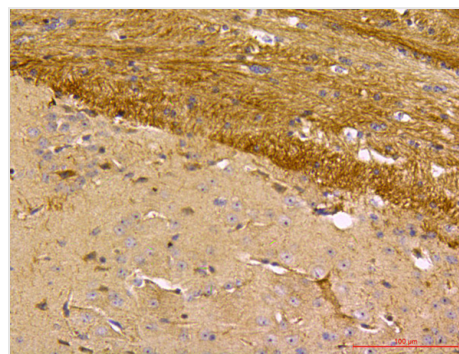
### PRODUCT SPECIFICATIONS

|                                                 |                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                      |
| Clonality                                       | Polyclonal                                                             |
| Purity/Purification                             | Peptide affinity purified                                              |
| Form/Format                                     | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide. |
| Applicable Applications for anti-BECN1 antibody | IHC (Immunohistochemistry), ICC (Immunocytochemistry)                  |
| Immunogen                                       | Synthetic peptide (KLH-coupled) within human Beclin 1 aa 380-450.      |
| Conjugation                                     | Unconjugated                                                           |
| Preparation and Storage                         | Store at -20 degree C.                                                 |

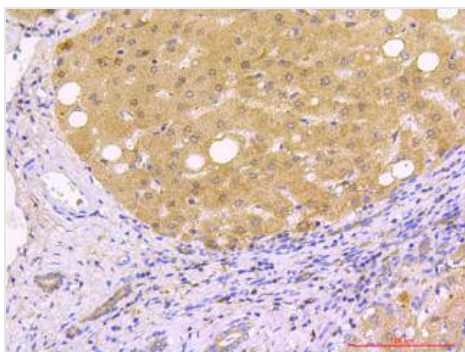
### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Beclin 1 rabbit polyclonal antibody.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Beclin 1 rabbit polyclonal antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using anti- Beclin 1 rabbit polyclonal antibody.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-BECN1 antibody</b> | Plays a central role in autophagy. Acts as core subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2. Essential for the formation of PI3KC3-C2 but not PI3KC3-C1 PI3K complex forms. Involved in endocytosis. Protects against infection by a neurovirulent strain of Sindbis virus. May play a role in antiviral host defense. |
| <b>Product Categories/Family for anti-BECN1 antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 4680381                                                                                                                                                                                                                  |
| <b>NCBI GeneID</b>                      | 8678                                                                                                                                                                                                                     |
| <b>UniProt Accession #</b>              | Q14457; O75595; Q9UNA8                                                                                                                                                                                                   |
| <b>Molecular Weight</b>                 | 51,896 Da                                                                                                                                                                                                                |
| <b>NCBI Official Full Name</b>          | beclin 1                                                                                                                                                                                                                 |
| <b>NCBI Official Synonym Full Names</b> | beclin 1, autophagy related                                                                                                                                                                                              |
| <b>NCBI Official Symbol</b>             | BECN1                                                                                                                                                                                                                    |
| <b>NCBI Official Synonym Symbols</b>    | ATG6; VPS30; beclin1                                                                                                                                                                                                     |
| <b>NCBI Protein Information</b>         | beclin-1; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein) |
| <b>UniProt Protein Name</b>             | Beclin-1                                                                                                                                                                                                                 |
| <b>UniProt Gene Name</b>                | <b>BECN1</b>                                                                                                                                                                                                             |
| <b>UniProt Synonym Gene Names</b>       | GT197                                                                                                                                                                                                                    |
| <b>UniProt Entry Name</b>               | BECN1_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/beclin-1-antibody-immunohistochemistry-immunocytochemistry-elisa/311960>