

## Beclin-1 (Phospho Ser15) Rabbit pAb

CatalogNo: YP1274

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 60kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:1000-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human Beclin-1 (Ser15)

**Specificity** This antibody detects endogenous levels of Human Mouse Beclin-1 (phospho-Ser15)

### Target Information

**Gene name** BECN1 GT197

**Protein Name**

Beclin-1 (Ser15)

| Organism | Gene ID                  | UniProt ID               |
|----------|--------------------------|--------------------------|
| Human    | <a href="#">8678</a> ;   | <a href="#">Q14457</a> ; |
| Mouse    | <a href="#">56208</a> ;  | <a href="#">O88597</a> ; |
| Rat      | <a href="#">114558</a> ; | <a href="#">Q91XJ1</a> ; |

**Cellular Localization**

Cytoplasm . Golgi apparatus , trans-Golgi network membrane ; Peripheral membrane protein . Endosome membrane ; Peripheral membrane protein . Endoplasmic reticulum membrane ; Peripheral membrane protein . Mitochondrion membrane ; Peripheral membrane protein . Endosome . Cytoplasmic vesicle , autophagosome . Interaction with ATG14 promotes translocation to autophagosomes. Expressed in dendrites and cell bodies of cerebellar Purkinje cells (By similarity) . . ; [Beclin-1-C 35 kDa]: Mitochondrion . Nucleus . Cytoplasm . ; [Beclin-1-C 37 kDa]: Mitochondrion .

**Tissue specificity** Ubiquitous.**Function**

Function:Plays a central role in autophagy (By similarity) . May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus. ,similarity:Belongs to the beclin family. ,subcellular location:Expressed in dendrites and cell bodies of cerebellar Purkinje cells. ,subunit:Interacts with GOPC and GRID2. Interacts with AMBRA1. Probably forms a complex with AMBRA1 and PIK3C3 (By similarity) . Interacts with BCL2 and BCL2L1. ,tissue specificity:Ubiquitous. ,

## | Validation Data

## | Contact information

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**Beclin-1 (Phospho Ser15) Rabbit pAb**

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