

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	8678 ;	Q14457 ;
Mouse	56208 ;	O88597 ;
Rat	114558 ;	Q91XJ1 ;

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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