

**MB0688**

**BECN1 Antibody**



- 50ul
- 100 uL

<b>Order</b>	021-34695924 orders@ab-mart.com
<b>Support</b>	400-6123-828 support1@ab-mart.com
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### **Description:**

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. Beclin-1-C 35 kDa localized to mitochondria can promote apoptosis; it induces the mitochondrial translocation of BAX and the release of proapoptotic factors.

**Uniprot :** Q14457

### **Alternative Names:**

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

### **Specificity:**

BECN1 antibody detects endogenous levels of total BECN1.

**Reactivity :** Human

**Source :** Mouse

**Mol.Wt. :** 60kD; 52kDa(Calculated).

### **Storage Condition:**

Store at -20 °C. Stable for 12 months from date of receipt.

### **Application:**

WB,IHC,ELISA,FCM

**Recommended dilution**

WB 1:500-1:2000 IHC 1:50-1:500 ELISA 1: 2000 FCM 1: 50