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# Beclin 1 (YD13564) Rabbit mAb

货号: **AYD13401**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	52kDa/52kDa/52kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Cytoplasm, Golgi apparatus, trans-Golgi network membrane, Endosome membrane, Endoplasmic reticulum membrane, Mitochondrion membrane, Endosome, Cytoplasmic vesicle, autophagosome, Mitochondrion, Nucleus
纯化	亲和纯化

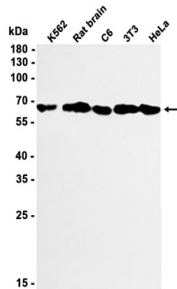
## 抗原信息

抗原信息	
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## 靶点信息

研究背景	Plays a central role in autophagy (PubMed:18570871, PubMed:21358617, PubMed:23184933, PubMed:23974797, PubMed:25484083, PubMed:28445460, PubMed:37776275). Acts as a 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 (PubMed:20208530, PubMed:20643123, PubMed:23974797, PubMed:26783301). Essential for the formation of PI3KC3-C2 but not PI3KC3-C1 PI3K complex forms. Involved in endocytosis (PubMed:25275521). May play a role in antiviral host defense Plays a central role in autophagy (PubMed:10604474, PubMed:12372286, PubMed:19270693, PubMed:28445460). Acts as a core subunit of different PI3K complex forms that mediate formation of phosphatidylinositol 3-phosphate and 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 (PubMed:19270693, PubMed:25275521). Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2 (By similarity). Essential for the formation of PI3KC3-C2 but not PI3KC3-C1 PI3K complex forms (PubMed:25275521). Involved in endocytosis including endosome formation in neuronal cells (PubMed:25275521). May play a role in antiviral host defense (By similarity) Plays a central role in autophagy. Acts as a 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. May play a role in antiviral host defense (By similarity)
基因ID	8678
基因名	BECN1, Becn1
Swiss	Q14457 ( <a href="https://www.uniprot.org/uniprotkb/Q14457/entry">https://www.uniprot.org/uniprotkb/Q14457/entry</a> ), O88597 ( <a href="https://www.uniprot.org/uniprotkb/O88597/entry">https://www.uniprot.org/uniprotkb/O88597/entry</a> ), Q91XJ1 ( <a href="https://www.uniprot.org/uniprotkb/Q91XJ1/entry">https://www.uniprot.org/uniprotkb/Q91XJ1/entry</a> )
别名	Beclin 1 (YD13564),Beclin 1 (YD13564) Rabbit mAb,BECN1,Coiled-coil myosin-like BCL2-interacting protein,Protein GT197,GT197

## 产品验证



## 实验步骤

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