Product Name: Beclin-1 Rabbit Polyclonal Antibody
Catalog #: APRab07529

Summary

Production Name	Beclin-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Chicken

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	BECN1 GT197
Alternative Names	beclin 1, autophagy related
Gene ID	8678.0
SwissProt ID	Q14457.Synthesized peptide derived from Beclin-1 . at AA range: 110-190

Application

Dilution Ratio	WB 1:500-2000, ELISA 1:10000-20000
Molecular Weight	55kD

Background

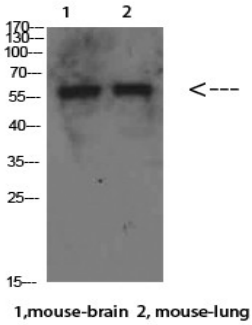
beclin 1(BECN1) Homo sapiens This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which

mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015],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.,

Research Area

Regulation of autophagy;

Image Data



Western Blot analysis of mouse-brain mouse-lung cells using Beclin-1 Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

Note

For research use only.