A11761

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Beclin 1 Rabbit pAb

Catalog No.: A11761 6 Publications

Basic Information

Observed MW
52kDa

Calculated MW
52kDa

Category
Polyclonal Antibody

Applications
WB,IP,ELISA

Cross-Reactivity
Human,Mouse

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

www.abclonal.com

Immunogen Information

Gene ID
8678

Swiss Prot
Q14457

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ATG6; VPS30; beclin1; Beclin 1

Product Information

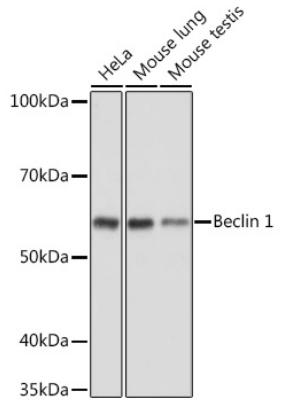
Source
Rabbit

Isotype
IgG

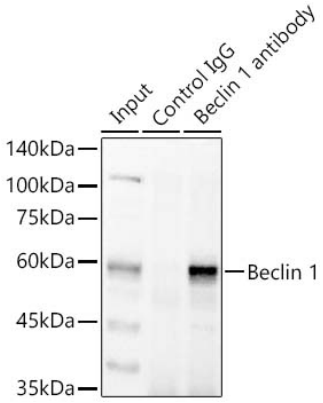
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using Beclin 1 Rabbit pAb (A11761) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Beclin 1 antibody (A11761). Western blot was performed from the immunoprecipitate using Beclin 1 antibody (A11761) at a dilution of 1:1000.