Phospho-Beclin 1-Ser93 Rabbit pAb

Catalog No.: AP1287



Basic Information

Observed MW

60kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

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 1:100 - 1:500

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID8678

Swiss Prot
Q14457

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ATG6; VPS30; beclin1; Phospho-Beclin 1-Ser93

Contact

6		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Product Information

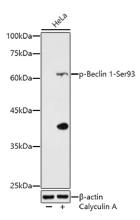
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-Beclin 1-Ser93 Rabbit pAb (AP1287) at 1:500 dilution. HeLa cells were treated with Calyculin A (100 nM) at 37° C for 30 minutes. 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 Enhanced Kit (RM00021).

Exposure time: 180s.