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Technology
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Phospho-ULK1-S467 Rabbit pAb

Catalog No.: AP1262   **1 Publications**

Basic Information

Observed MW
140kDa

Calculated MW
113kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human, Mouse

Background

Enables identical protein binding activity; protein serine/threonine kinase activity; and small GTPase binding activity. Involved in several processes, including autophagosome assembly; positive regulation by symbiont of host autophagy; and protein phosphorylation. Located in autophagosome; cytosol; and phagophore assembly site membrane. Is extrinsic component of autophagosome membrane; extrinsic component of omegasome membrane; and extrinsic component of phagophore assembly site membrane. Part of Atg1/ULK1 kinase complex.

Recommended Dilutions

WB   1:500 - 1:1000

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

Immunogen Information

Gene ID
8408

Swiss Prot
O75385

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

Synonyms
ATG1; ATG1A; UNC51; hATG1; Unc51.1; Phospho-ULK1-S467

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
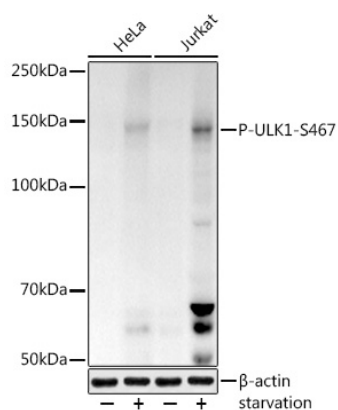Affinity purification

Storage
Store at -20℃. 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 various lysates using Phospho-ULK1-S467 Rabbit pAb (AP1262) at 1:1000 dilution. HeLa and Jurkat cells were treated with Serum-starvation overnight at 37℃.
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.