Phospho-ULK1-S757 Rabbit pAb

Catalog No.: AP0736 11 Publications



Basic Information

Observed MW

145kDa

Calculated MW

113kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

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 1:100 - 1:500

ELISA

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

Immunogen Information

Gene ID8408

Swiss Prot
075385

Immunogen

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

Synonyms

ATG1; ATG1A; UNC51; hATG1; Unc51.1; Phospho-ULK1-S757

Contact

2		400-999-6126
\bowtie	Τ	cn.market@abclonal.com.cn
•	Т	www.abclonal.com.cn

Product Information

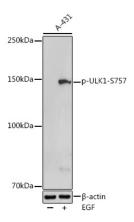
SourceIsotypePurificationRabbitIgGAffinity purification

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 A-431 cells, using Phospho-ULK1-S757 Rabbit pAb (AP0736) at 1:500 dilution. A-431 cells were treated with EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

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: 180s.