# Phospho-ULK1-S757 Rabbit pAb

**Catalog NO.: AP0736** **11 Publications**

## Basic Information

### Observed MW
145kDa

### Calculated MW
113kDa

### Category
Phosphorylated Antibodies

### Applications
WB, ELISA

### Cross-Reactivity
Human

### Conjugation
Unconjugated

## 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 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-S757

## Contact

## Product Information

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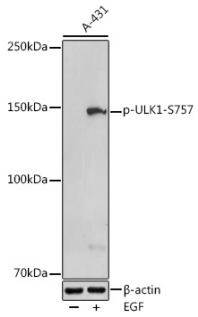
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity 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.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.