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# 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 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


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## Product Information

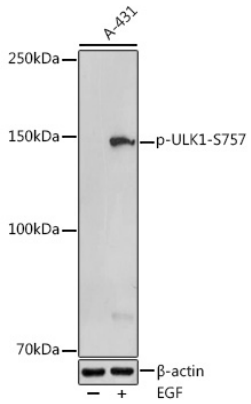
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃

## 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℃ 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.



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