

# Phospho-ULK1-S555 Rabbit pAb

Catalog No.: AP0760

2 Publications

## Basic Information

### Observed MW

113kDa

### Calculated MW

113kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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 1:500 - 1:1000

## Immunogen Information

### Gene ID

8408

### Swiss Prot

O75385

### Immunogen

A synthetic phosphorylated peptide around S555 of human Phospho-ULK1-S555 (NP\_003556.1).

### Synonyms

ATG1; ATG1A; UNC51; hATG1; Unc51.1; Phospho-ULK1-S555

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

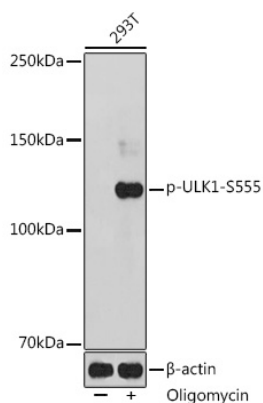
Affinity purification

### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of 293T cells, using Phospho-ULK1-S555 antibody (AP0760) at 1:1000 dilution. 293T cells were treated by Oligomycin (0.5  $\mu$ M) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.