ABclonal Technology®

Phospho-ULK1-S555 Rabbit pAb

Catalog No.: AP0760   **5 Publications**

Basic Information

Observed MW
113kDa

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   1:500 - 1:1000

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

Immunogen Information

Gene ID   **Swiss Prot**
8408   O75385

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

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

Contact

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Product Information

Source   **Isotype**   **Purification**
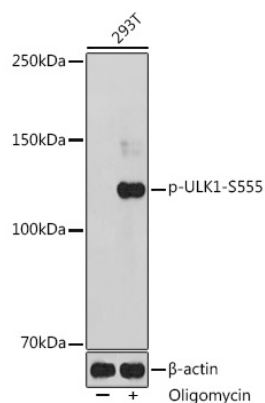Rabbit   IgG   Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of lysates from 293T cells, using Phospho-ULK1-S555 Rabbit pAb (AP0760) at 1:1000 dilution. 293T cells were treated with Oligomycin (0. 5 uM) 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: 90s.