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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

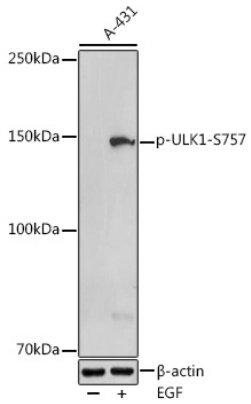
Source
Rabbit

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.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.