ULK1 (phospho-Ser555) polyclonal antibody

Catalog: AP4003 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

ULK1 and ULK2 (for UNC-51-like kinase) encode similar amino-terminal serine/threonine kinase domains, a proline/serine-rich (PS) domain, and a species conserved carboxyl-terminal domain. Both share homology with the UNC-51 kinase from Caenorhabditis elegans and the APG1 kinase in yeast, which are involved in axonal extension and growth, and autophagy, respectively. ULK1 and ULK2 are thought to auto-phosphorylate the PS domain in vitro, and the significant homology among vertebrates suggest that ULK1 and ULK2 are involved in the regulation of fundamental biological processes.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 150 kDa

Swiss-Prot:

O75385

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

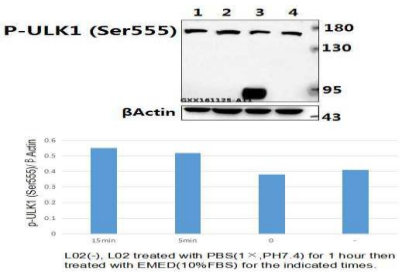
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

ULK1 (phospho-Ser555) polyclonal antibody detects endogenous levels of ULK1 protein only when phosphorylated at Ser555.

DATA:



Western blot (WB) analysis of PIK3C3/VPS34 (Phospho-Ser249) polyclonal antibody at 1:500 dilution

Lane1:LO2 treated with PBS(1×,PH7.4) for 1 hour then treated with DMEM(10%FBS) for 15 minutes whole cell lysate

Lane2:LO2 treated with PBS(1×,PH7.4) for 1 hour then treated with DMEM(10%FBS) for 5 minutes whole cell lysate

Lane3:LO2 treated with PBS(1×,PH7.4) for 1 hour whole cell lysate

Lane4:LO2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151