

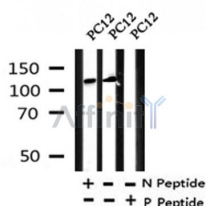
## Phospho-ULK1 (Ser638) Ab

Cat.#: AF4386  
Size: 50ul, 100ul, 200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 120kDa  
Clonality: Polyclonal

|                               |                                                                                                                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application:                  | WB 1:500-1:2000                                                                                                                                                                                                                                            |
| Reactivity:                   | Human, Mouse                                                                                                                                                                                                                                               |
| Purification:                 | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.                                                                                                          |
| Specificity:                  | Phospho-ULK1 (Ser638) Ab detects endogenous levels of ULK1 only when phosphorylated at Ser638.                                                                                                                                                             |
| Immunogen:                    | A synthesized peptide derived from human ULK1 around the phosphorylation site of Ser638.                                                                                                                                                                   |
| Uniprot:                      | O75385                                                                                                                                                                                                                                                     |
| Subcellular Location:         | Cytoplasm, cytosol. Preautophagosomal structure. Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome. |
| Tissue Specificity:           | Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.                                                                                                               |
| Similarity:                   | Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.                                                                                                                                                      |
| Storage Condition and Buffer: | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.                                                                                              |



**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

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overnight.

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