

## Phospho-ULK1 (Ser757) Ab

|                        |                |                       |
|------------------------|----------------|-----------------------|
| Cat.#: AF4387          | Concn.: 1mg/ml | Mol.Wt.: 120kDa       |
| Size: 50ul,100ul,200ul | Source: Rabbit | Clonality: Polyclonal |

**Application:** WB 1:500-1:2000

**Reactivity:** Human,Mouse,Rat

**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 (Ser757) Ab detects endogenous levels of ULK1 only when phosphorylated at Ser757

**Immunogen:** A synthesized peptide derived from human ULK1 around the phosphorylation site of Ser757

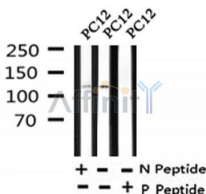
**Uniprot:** O75385

**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



Western blot analysis of Phospho-ULK1 (Ser757) in lysates of PC12 , using Phospho-ULK1 (Ser757) Ab(AF4387).

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



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