

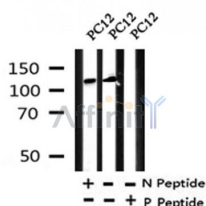
## Phospho-ULK1 (Ser638) Ab

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.



Western blot analysis of Phospho-ULK1 (Ser638) in lysates of PC12, using Phospho-ULK1 (Ser638) Ab(AF4386).

**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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