

# ULK1 (Phospho Ser638) Rabbit pAb

CatalogNo: YP1543 Orthogonal Validated 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse

### Applications

- WB

### MW

- 115kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

WB 1:1000-2000

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho peptide around human ULK1 (Ser638)

**Specificity** This antibody detects endogenous levels of Human Mouse ULK1 (phospho-Ser638)

## Target Information

**Gene name** ULK1 KIAA0722

**Protein Name** ULK1 (Ser638)

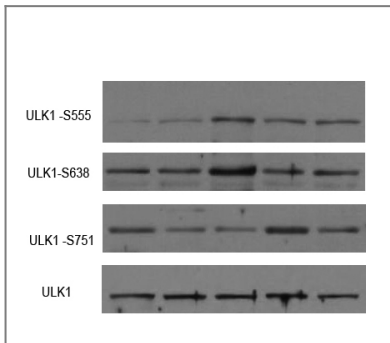
Organism	Gene ID	UniProt ID
Human	<a href="#">8408;</a>	<a href="#">O75385;</a>
Mouse	<a href="#">22241;</a>	<a href="#">O70405;</a>

**Cellular Localization** 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.

**Function** Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.,

## Validation Data



Western Blot analysis of various cell lysis (provided by our customer). Primary Antibody was diluted at 1:1000. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

## Contact information

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