

ULK1 (Phospho Ser638) rabbit pAb

Catalog No: YP1543

Reactivity: Human; Mouse

Applications: WB

Target: ULK1

Fields: >>Mitophagy - animal;>>Autophagy - animal;>>mTOR signaling

pathway;>>AMPK signaling pathway;>>Longevity regulating

pathway;>>Alzheimer disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Spinocerebellar ataxia;>>Pathways of neurodegeneration - multiple

diseases

O75385

O70405

Gene Name: ULK1 KIAA0722

Protein Name: ULK1 (Ser638)

Human Gene Id: 8408

Human Swiss Prot

No:

Mouse Gene ld: 22241

Mouse Swiss Prot

No:

Immunogen: Synthesized phosho peptide around human ULK1 (Ser638)

Specificity: This antibody detects endogenous levels of Human Mouse ULK1 (phospho-

Ser638)

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

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:1000-2000

Purification: The antibody was affinity-purified from rabbit serum by affinity-chromatography

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using specific immunogen.	
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Concentration: 1 mg/ml

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

Observed Band: 115kD

Cell Pathway: Regulation of autophagy;mTOR;

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.,

Subcellular Location : Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an

autophagosome...

Expression: Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle,

heart, pancreas, brain, placenta, liver, kidney, and lung.

Tag: orthogonal

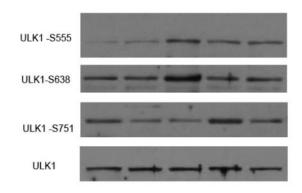
Sort: 23952

Host: Rabbit

Modifications: Phospho

Products Images

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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