

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)

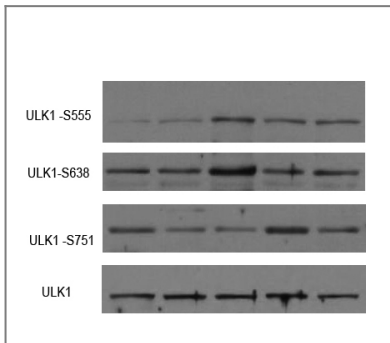
| Organism | Gene ID | UniProt ID |
|----------|------------------------|-------------------------|
| Human | 8408; | O75385; |
| Mouse | 22241; | O70405; |

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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