

ULK1 (Phospho Ser757) Rabbit pAb

CatalogNo: YP1544

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

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 (Ser757)

Specificity

This antibody detects endogenous levels of Human Mouse Rat ULK1 (phospho-Ser757)

Target Information

Gene name

ULK1 KIAA0722

Protein Name	ULK1 (Ser757)		
	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

| Contact information

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