

# ULK1 (Phospho Ser757) Rabbit mAb (AR1829)

## Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	113kDa (Calculated) 150kDa (Observed)

## Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
IP:	1:50-200
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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## Basic Information

Clonality	Monoclonal
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## Immunogen Information

Specificity	The antibody detects endogenous ULK1(Phospho AE13) protein.
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## Target Information

Gene name	ULK1
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Protein Name	Serine/threonine-protein kinase ULK1
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Organism	Gene ID	UniProt ID
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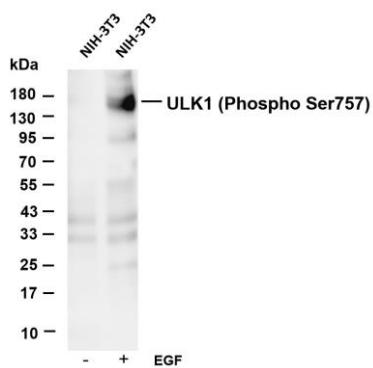
Human	8408	O75385
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Mouse	22241	O70405
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Cellular Localization	Cytoplasm, cytosol. Preautophagosomal structure. Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome.
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Tissue specificity	Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ULK1 (Phospho Ser757) antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: NIH-3T3

Lane 2: NIH-3T3 was treated with EGF( 100ng/mL) for 20 minutes

Predicted band size: 113kDa

Observed band size: 150kDa

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