ULK1 (Phospho Ser556) Rabbit mAb (AR1861)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,ELISA
Isotype:	IgG,Kappa
MW:	113kDa (Calculated) 130kDa (Observed)

Recommended Dilution Ratios

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

Storage

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

Basic Information

Clonality	Monoclonal

Immunogen Information

Specificity	ULK1 (Phospho Ser556) Monoclonal Antibody detects endogenous levels of ULK1 around the phosphorylation site of S556 protein. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):LHsAP

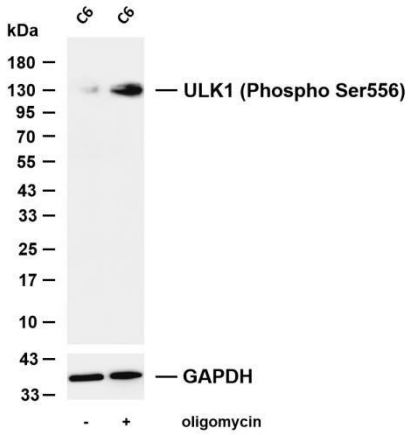
Target Information

Gene name	ULK1 KIAA0722
Protein Name	ULK1 (Ser556)

Organism	Gene ID	UniProt ID
Human	8408	O75385
Mouse	22241	O70405

Cellular Localization	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. .
Tissue specificity	Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ULK1 (Phospho Ser556) (PT0907R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.
Lane 1: C6
Lane 2: C6 was treated with oligomycin(0.5μM) for 30 minutes
Predicted band size: 113kDa
Observed band size: 130kDa

For Research Use Only