ULK1 (Phospho-Ser556) Rabbit mAb

Catalog No: #14300

Package Size: #14300-1 50ul #14300-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
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Description

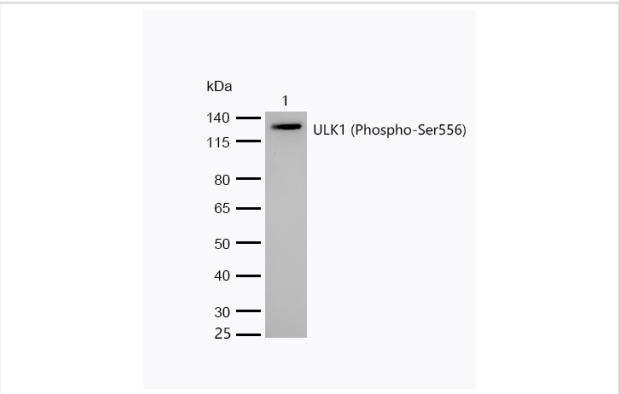
Product Name	ULK1 (Phospho-Ser556) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR1119
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, ICC/IF
Species Reactivity	Human Mouse
Specificity	Phospho-ULK1 (S556) Antibody detects endogenous levels of total Phospho-ULK1 (S556)
Immunogen Description	A synthesized peptide derived from human Phospho-ULK1 (S556)
Conjugates	Unconjugated
Other Names	ATG1; ATG1A; hATG1; ULK1; UNC51;
Accession No.	O75385
Calculated MW	Predicted band size: 113 kDa
SDS-PAGE MW	Observed band size: 130
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

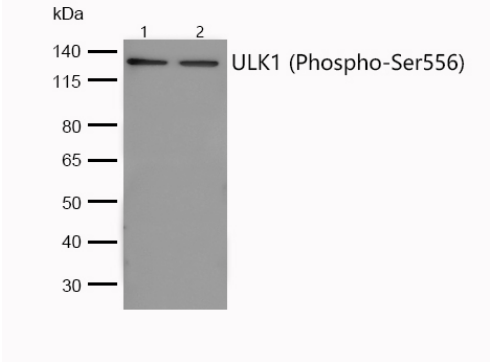
WB: 1:500-1:2000

ICC/IF: 1:50-1:200

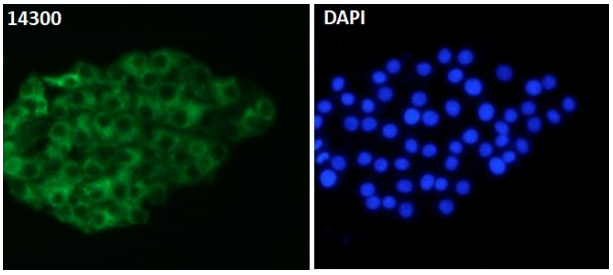
Images



All lanes : ULK1 (Phospho-Ser556) Rabbit mAb at 1/1k dilutionLane 1 :293T lysateLysates/proteins at 20 µg per lane.SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilutionPredicted band size: 113 kDa Observed band size: 130Exposure time: 5 seconds



All lanes : ULK1 (Phospho-Ser556) Rabbit mAb at 1/1k dilutionLane 1 :NIH/3T3 cell lysateLane 2 : PC-12 cell lysateLysates/proteins at 20 µg per lane.SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilutionPredicted band size: 113 kDa Observed band size: 130Exposure time: 3 seconds



Immunocytochemistry/Immunofluorescence ULK1 (Phospho-Ser556) antibody (14300)
ICC/IF staining of ULK1 (Phospho-Ser556) in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.
Samples were incubated with 14300 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.
Nuclei were counterstained with DAPI.

Background

Serine/threonine-protein kinase involved in autophagy in response to starvation. Acts upstream of phosphatidylinositol 3-kinase PIK3C3 to regulate the formation of autophagophores, the precursors of autophagosomes.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.