

Rabbit anti-Human, Mouse ULK1 Monoclonal Antibody | anti-ULK1 antibody

Anti-Phospho-ULK1 (S556) Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128121	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

ULK1; Monoclonal Antibody; Anti-Phospho-ULK1 (S556) Rabbit Monoclonal Antibody; anti-ULK1 antibody

PRODUCT SPECIFICATIONS

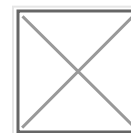
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	31U30
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Applicable Applications for anti-ULK1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Phospho Site	S556
Immunogen	A synthesized peptide derived from human Phospho-ULK1 (S556)
Preparation and Storage	Store at -20 degree C for one year. For short term storage and frequent use, store at 4 degree C for up to one month. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of ULK1 using anti-ULK1 antibody (AAA128121). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: rat PC-12 whole cell lysates, Lane 5: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ULK1 antigen affinity purified monoclonal antibody (#AAA128121) at 1:500 overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for ULK1 at approximately 150 kDa. The expected band size for ULK1 is at 113 kDa.



IF (Immunofluorescence)

Immunofluorescent analysis using the Antibody at 1:150 dilution.



IF (Immunofluorescence)

Immunofluorescent analysis using the Antibody at 1:50 dilution.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ULK1 antibody	Primary Antibodies, Rabbit Monoclonal Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507831
NCBI GeneID	8408
NCBI Accession #	NP_003556
NCBI GenBank Nucleotide #	NM_003565.2
UniProt Accession #	O75385; Q9UQ28
Molecular Weight	Predicted: 116 kDa Observed: 105 kDa
NCBI Official Full Name	serine/threonine-protein kinase ULK1
NCBI Official Synonym Full Names	unc-51 like autophagy activating kinase 1
NCBI Official Symbol	ULK1
NCBI Official Synonym Symbols	ATG1; ATG1A; UNC51; hATG1; Unc51.1
NCBI Protein Information	serine/threonine-protein kinase ULK1; ATG1 autophagy related 1 homolog; autophagy-related protein 1 homolog
UniProt Protein Name	Serine/threonine-protein kinase ULK1
UniProt Gene Name	ULK1
UniProt Synonym Gene Names	KIAA0722; ATG1; hATG1
UniProt Entry Name	ULK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ulk1-antibody-clone-31u30-western-blot-immunocytochemistry-immunofluorescence-elisa/128121>