

ULK1 (pS317) Antibody

Catalogue No.: abx032212



Involved in autophagy. Required for autophagosome formation (By similarity). Target of the TOR kinase signaling pathway that regulates autophagy through the control of phosphorylation status of ATG13/KIAA0652 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex (By similarity). Phosphorylates ATG13/KIAA0652. Involved in axon growth (By similarity). Plays an essential role in neurite extension of cerebellar granule cells (By similarity).

Target:	ULK1 (pS317)
Clonality:	Polyclonal
Target Modification:	Ser317
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, DB
Host:	Rabbit
Recommended dilutions:	DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S317 of human ULK1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0

Revision date: 01 Sep 2025



UniProt Primary AC: O75385 ([UniProt](#), [ExPASy](#))

KEGG: hsa:8408

String: [9606.ENSP00000324560](#)

Molecular Weight: Calculated MW: 113 kDa

Buffer: PBS containing 0.09% sodium azide.

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