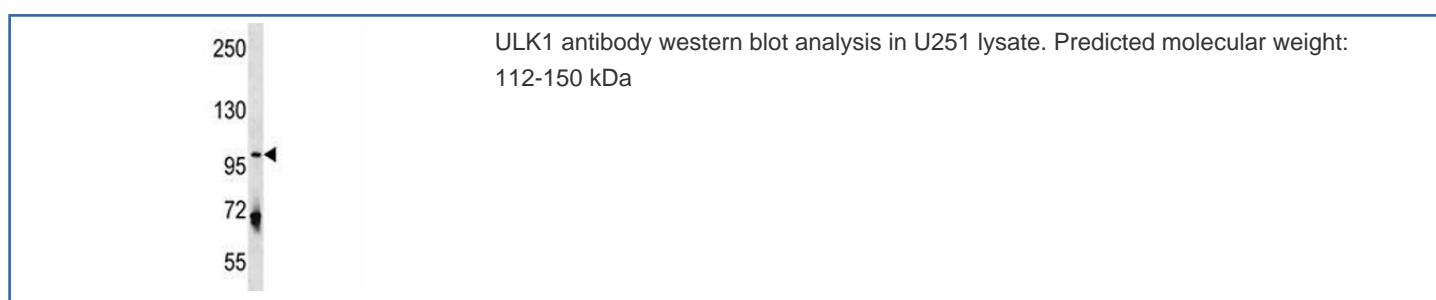


## ULK1 Antibody (F47201)

Catalog No.	Formulation	Size
F47201-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47201-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	O75385
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This ULK1 antibody is available for research use only.



## Description

ULK1 is 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).

## Application Notes

Titration of the ULK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 538-564 from the human protein was used as the immunogen for this ULK1 antibody.

## Storage

Aliquot the ULK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.