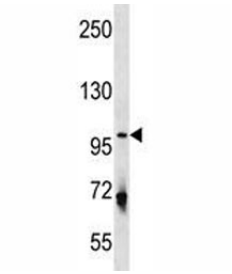
ULK1 Antibody (F47201)

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

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



ULK1 antibody western blot analysis in U251 lysate. Predicted molecular weight: 112-150 kDa

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.

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