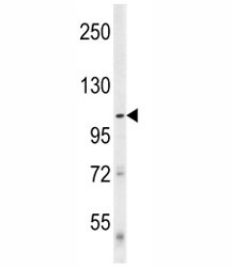
ULK1 Antibody (F51530)

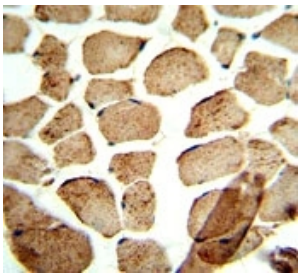
Catalog No.	Formulation	Size
F51530-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51530-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

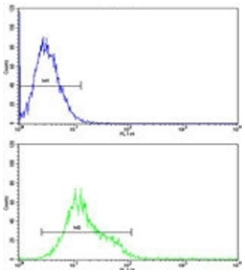
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O75385
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This ULK1 antibody is available for research use only.



Western blot analysis of ULK1 in mouse cerebellum tissue lysate.



IHC analysis of FFPE human skeletal muscle stained with ULK1 antibody



ULK1 antibody flow cytometric analysis of K562 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

ULK1/ATG1 is involved in autophagy. It is required for autophagosome formation. Target of the TOR kinase signaling pathway that regulates autophagy through the control of phosphorylation status of ATG13 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex. Phosphorylates ATG13. It is involved in axon growth and plays an essential role in neurite extension of cerebellar granule cells. [UniProt]

Application Notes

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

Immunogen

This ULK1 antibody was produced from rabbits immunized with a human recombinant protein.

Storage

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

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