Datasheet for ABIN3029449
anti-ULK1 antibody

5 Images

Overview

Quantity:	0.4 mL
Target:	ULK1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULK1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	This ULK1 antibody was produced from rabbits immunized with a human recombinant protein.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	ULK1
Alternative Name:	ULK1 (ULK1 Products)
Background:	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]

Target Details

UniProt:	O75385
Pathways:	Regulation of Cell Size, Autophagy

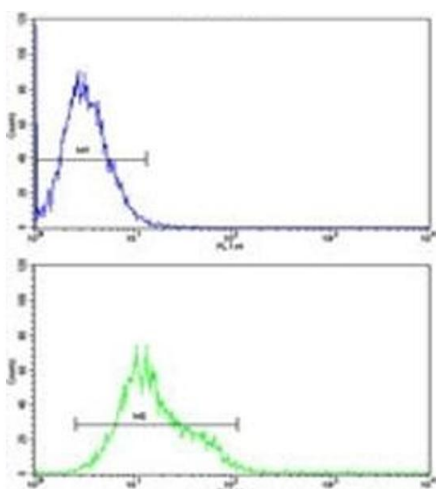## Application Details

Application Notes:	Titration of the ULK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

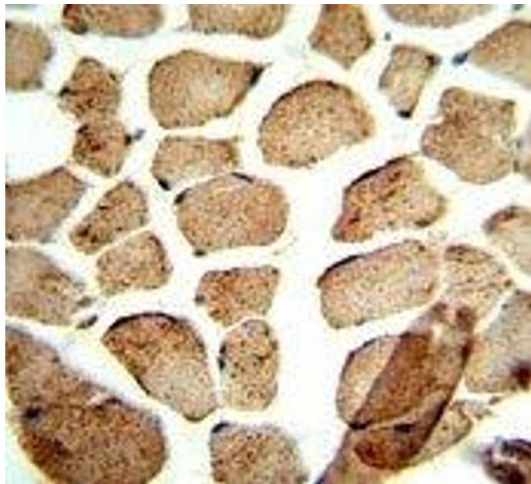## Handling

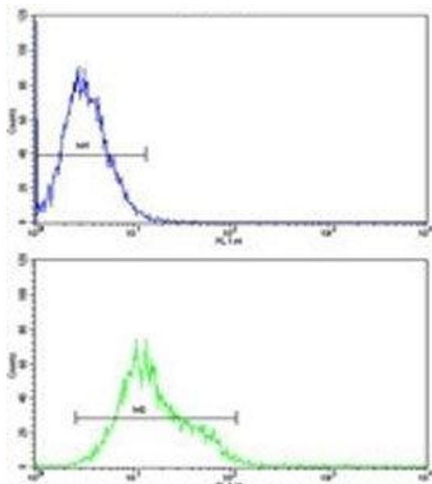|	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ULK1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images

Flow Cytometry

Image 1. 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.

Images

Please check the product details page for more images. Overall 5 images are available for ABIN3029449.