

Datasheet for ABIN7174563
anti-ULK1 antibody (AA 1-50)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ULK1
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULK1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ubiquitin-like-conjugating enzyme ATG10 protein (1-50AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ULK1
Alternative Name:	ATG1 (ULK1 Products)
Background:	Background: E2-like enzyme involved in autophagy. Acts as an E2-like enzyme that catalyzes the conjugation of ATG12 to ATG5. ATG12 conjugation to ATG5 is required for autophagy.

Target Details

Likely serves as an ATG5-recognition molecule. Not involved in ATG12 conjugation to ATG3.

Plays a role in adenovirus-mediated cell lysis.

Aliases: Apg 10 antibody, APG 10L antibody, APG10 antibody, APG10 autophagy 10 like antibody, APG10 like antibody, APG10, S. cerevisiae, homolog of antibody, APG10-like antibody, APG10L antibody, ATG 10 antibody, ATG10 antibody, ATG10 autophagy related 10 homolog (S. cerevisiae) antibody, ATG10 autophagy related 10 homolog antibody, ATG10_HUMAN antibody, autophagy 10, S. cerevisiae, homolog of antibody, Autophagy related protein 10 antibody, Autophagy-related protein 10 antibody, DKFZP586I0418 antibody, FLJ13954 antibody, pp12616 antibody, Ubiquitin-like-conjugating enzyme ATG10 antibody

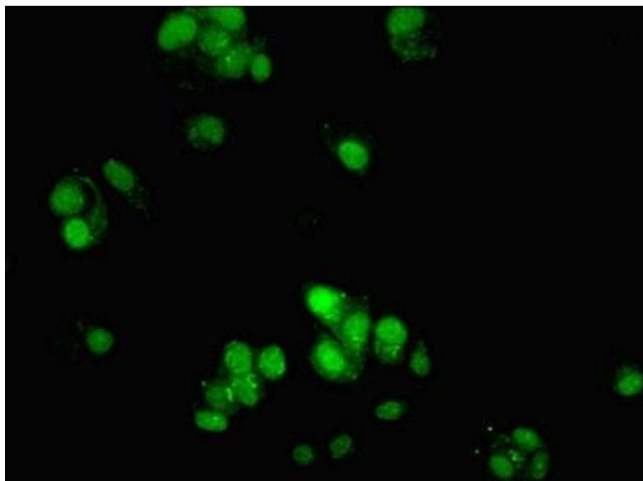
UniProt:	Q9H0Y0
Pathways:	Regulation of Cell Size, Autophagy

Application Details

Application Notes:	Recommended dilution: IF:1:50-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of MCF-7 cells using ABIN7174563 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)