

Datasheet for ABIN7174562
anti-ULK1 antibody (AA 1-220)



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2 Images

Overview

Quantity:	100 µL
Target:	ULK1
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULK1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Ubiquitin-like-conjugating enzyme ATG10 protein (1-220AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity 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 (By similarity). 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: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

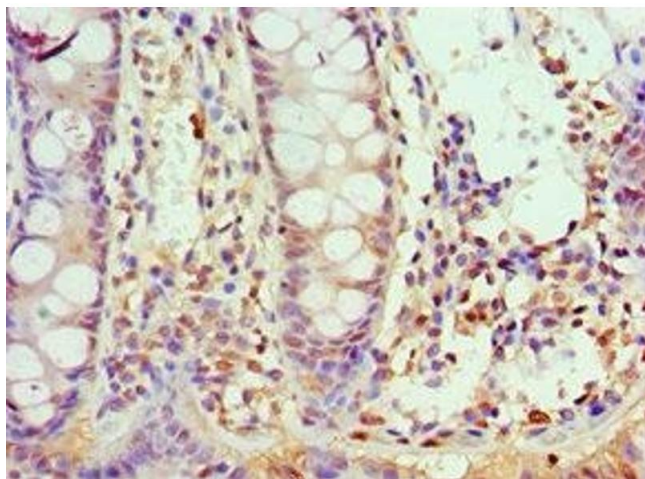
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

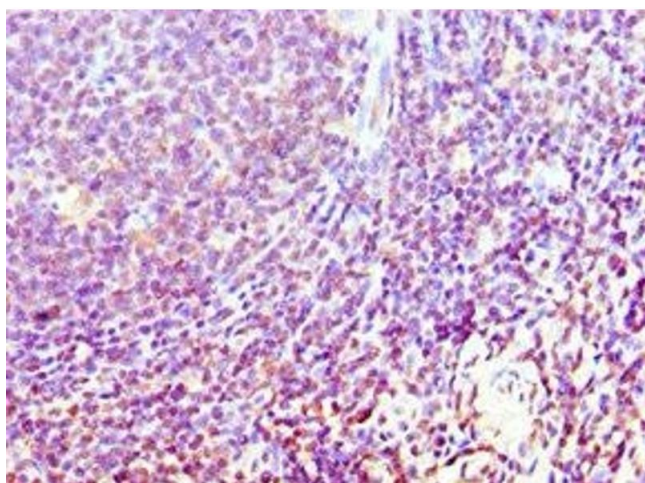
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7174562 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7174562 at dilution of 1:100