

Datasheet for ABIN7606966

Recombinant anti-ATG4C antibody



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2 Images

Overview

Quantity:	100 µL
Target:	ATG4C
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ATG4C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Atg4C Rabbit mAb
Immunogen:	A synthesized peptide derived from human Atg4C
Isotype:	IgG
Specificity:	Atg4C Antibody detects endogenous levels of total Atg4C
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	ATG4C
Alternative Name:	Atg4C (ATG4C Products)

Target Details

Background:	APG4C, ATG4C, cysteine endopeptidase, AUT like 1,
Molecular Weight:	52kDa
UniProt:	Q96DT6
Pathways:	Autophagy

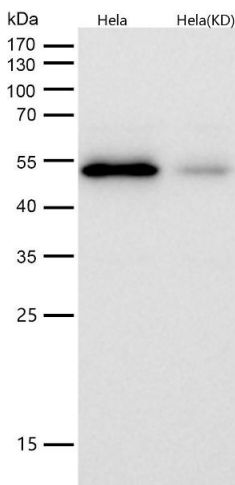
Application Details

Application Notes:	WB 1:1000~1:5000 IHC 1:50~1:200 FC 1:50
Restrictions:	For Research Use only

Handling

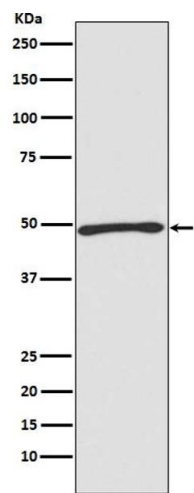
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature. Cysteine protease required for autophagy, which cleaves the C-terminal part of either MAP1LC3, GABARAPL2 or GABARAP, allowing the liberation of form I. A subpopulation of form I is subsequently converted to a smaller form (form II). Form II, with a revealed C-terminal glycine, is considered to be the phosphatidylethanolamine (PE)-conjugated form, and has the capacity for the binding to autophagosomes.



Western Blotting

Image 2. Western blot analysis of Atg4C expression in Jurkat cell lysate.