



[Go to Product page](#)

Datasheet for ABIN7145341  
**anti-ATG14 antibody (AA 1-492) (FITC)**

### Overview

Quantity:	100 µg
Target:	ATG14
Binding Specificity:	AA 1-492
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG14 antibody is conjugated to FITC
Application:	Please inquire

### Product Details

Immunogen:	Recombinant Human Beclin 1-associated autophagy-related key regulator protein (1-492AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	ATG14
Alternative Name:	ATG14 ( <a href="#">ATG14 Products</a> )
Background:	Background: Required for both basal and inducible autophagy. Determines the localization of the autophagy-specific PI3-kinase complex PI3KC3-C1 (PubMed:18843052,

## Target Details

---

PubMed:19050071). Plays a role in autophagosome formation and MAP1LC3/LC3 conjugation to phosphatidylethanolamine (PubMed:19270696, PubMed:20713597). Promotes BECN1 translocation from the trans-Golgi network to autophagosomes (PubMed:20713597). Enhances PIK3C3 activity in a BECN1-dependent manner. Essential for the autophagy-dependent phosphorylation of BECN1 (PubMed:23878393). Stimulates the phosphorylation of BECN1, but suppresses the phosphorylation PIK3C3 by AMPK (PubMed:23878393). Binds to STX17-SNAP29 binary t-SNARE complex on autophagosomes and primes it for VAMP8 interaction to promote autophagosome-endolysosome fusion (PubMed:25686604). Modulates the hepatic lipid metabolism (By similarity).

Aliases: 4832427M01 antibody, ATG14 antibody, Atg14L antibody, Autophagy-related protein 14-like protein antibody, BAKOR\_HUMAN antibody, Barkor antibody, Beclin 1-associated autophagy-related key regulator antibody, D14Ert114e antibody, D14Ert436e antibody, KIAA0831 antibody, mCG\_6911 antibody

---

UniProt: [Q6ZNE5](#)

---

Pathways: [Autophagy](#)

## Application Details

---

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.