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Datasheet for ABIN760841  
**anti-ATG10 antibody (AA 151-220)**

### Overview

Quantity:	100 µL
Target:	ATG10
Binding Specificity:	AA 151-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG10 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Apg10
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow
Purification:	Purified by Protein A.

### Target Details

Target:	ATG10
Alternative Name:	Apg10 ( <a href="#">ATG10 Products</a> )

## Target Details

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Background: Synonyms: Apg 10, Apg-10, APG 10L, APG10 autophagy 10 like, APG10 like, APG10-like, APG10L, ATG 10, ATG10, ATG10 autophagy related 10 homolog S. cerevisiae, ATG10 autophagy related 10 homolog, ATG10\_HUMAN, Autophagy related protein 10, Autophagy-related protein 10, Ubiquitin-like-conjugating enzyme ATG10

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

Gene ID: 83734

Pathways: [ER-Nucleus Signaling](#), [Autophagy](#)

## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months