

Datasheet for ABIN752460
anti-ATG4C antibody (AA 201-300) (Biotin)



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Overview

Quantity:	100 µL
Target:	ATG4C
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG4C antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ATG4C
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ATG4C
Alternative Name:	ATG4C (ATG4C Products)

Target Details

Background:	Synonyms: APG4 autophagy 4 homolog C <i>S. cerevisiae</i>, APG4 autophagy 4 homolog C, APG4 C, APG4-C, APG4C, ATG 4C, ATG4 autophagy related 4 homolog C <i>S. cerevisiae</i>, Atg4C, ATG4C_HUMAN, AUT <i>S. cerevisiae</i> like 1, cysteine endopeptidase, AUT like 1, cysteine endopeptidase <i>S. cerevisiae</i>, AUT like 1, cysteine endopeptidase, AUT like 3 cysteine endopeptidase, AUT-like 3 cysteine endopeptidase, AUTL1, AUTL3, Autophagin 3, Autophagin-3, Autophagy related cysteine endopeptidase 3, Autophagy related protein 4 homolog C, Autophagy-related cysteine endopeptidase 3, Autophagy-related protein 4 homolog C, Cysteine protease ATG4C, EC 3.4.22, FLJ14867, OTTHUMP00000010715. Background: 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.
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Gene ID:	84938
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Pathways:	Autophagy
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

Handling

Expiry Date: 12 months