

Datasheet for ABIN752458
anti-ATG4C antibody (AA 201-300)



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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 un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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
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Target Details

Alternative Name:	ATG4C (ATG4C Products)
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.
Gene ID:	84938
Pathways:	Autophagy

Application Details

Application Notes:	WB 1:300-5000 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

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

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