

Datasheet for ABIN1534813
anti-ATG4C antibody (AA 21-70)



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3 Images

Overview

Quantity:	100 µL
Target:	ATG4C
Binding Specificity:	AA 21-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG4C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ATG4C.
Isotype:	IgG
Specificity:	ATG4C Antibody detects endogenous levels of total ATG4C protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ATG4C
Alternative Name:	ATG4C (ATG4C Products)
Background:	Synonyms: Cysteine protease ATG4C, Autophagy-related protein 4 homolog C, Autophagin-3,

Target Details

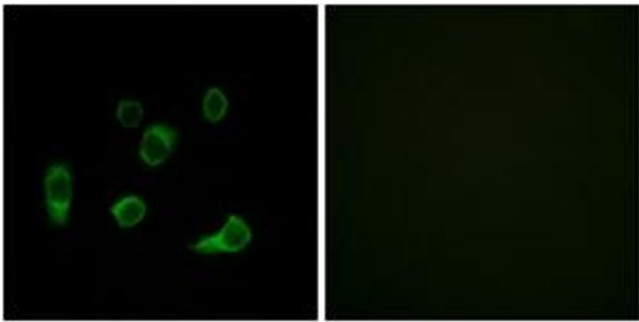
	Autophagy-related cysteine endopeptidase 3, AUT-like 3 cysteine endopeptidase NCBI Gene Symbol: ATG4C
Molecular Weight:	52 kDa
Gene ID:	84938
OMIM:	611339
UniProt:	Q96DT6
Pathways:	Autophagy

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.7353 (NCBI Gene Symbol: ATG4C)
Restrictions:	For Research Use only

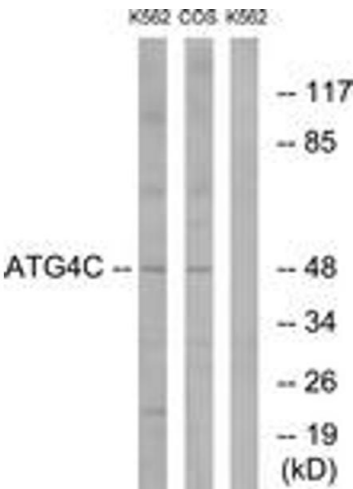
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



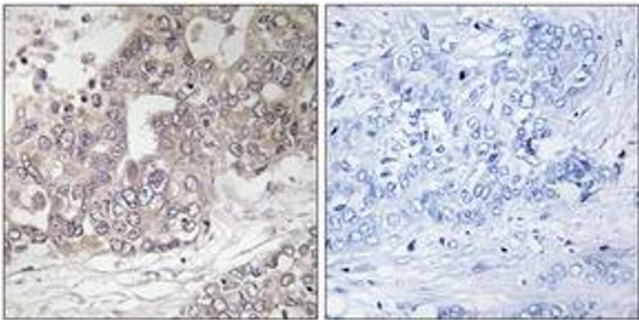
Immunofluorescence

Image 1. Immunofluorescence analysis of HuvEc cells, using ATG4C Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562/COS7 cells, using ATG4C Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using ATG4C Antibody. The picture on the right is treated with the synthesized peptide.