

Datasheet for ABIN1534812
anti-ATG4A antibody (AA 81-130)



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2 Images

Overview

Quantity:	100 µL
Target:	ATG4A
Binding Specificity:	AA 81-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG4A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ATG4A.
Isotype:	IgG
Specificity:	ATG4A Antibody detects endogenous levels of total ATG4A protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ATG4A
Alternative Name:	ATG4A (ATG4A Products)
Background:	Synonyms: Cysteine protease ATG4A, Autophagy-related protein 4 homolog A, hAPG4A,

Target Details

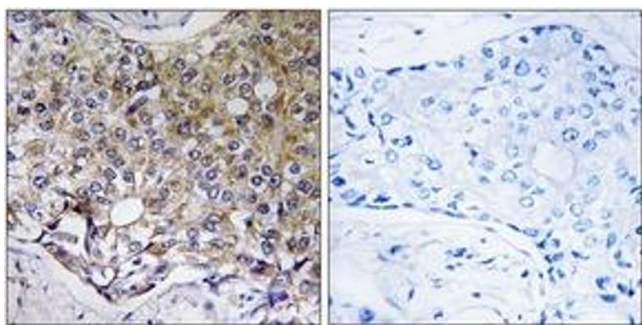
	Autophagin-2, Autophagy-related cysteine endopeptidase 2, AUT-like 2 cysteine endopeptidase NCBI Gene Symbol: ATG4A
Molecular Weight:	45 kDa
Gene ID:	115201
OMIM:	300663
UniProt:	Q8WYN0
Pathways:	Autophagy

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.8763 (NCBI Gene Symbol: ATG4A)
Restrictions:	For Research Use only

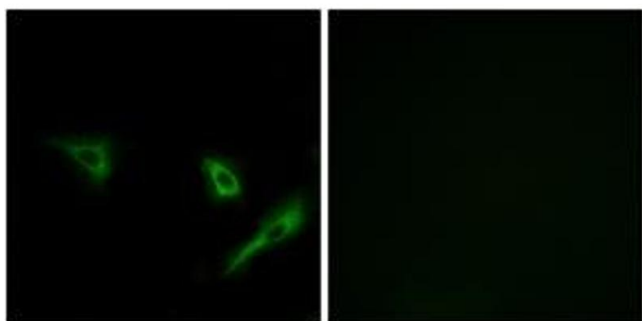
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ATG4A Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cells, using ATG4A Antibody. The picture on the right is treated with the synthesized peptide.