

Datasheet for ABIN2613388

anti-ATG4A antibody (Internal Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ATG4A
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATG4A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ATG4A
Sequence:	TEENGTVNDQ TFHC
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_443168.2, NP_840054.1)
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

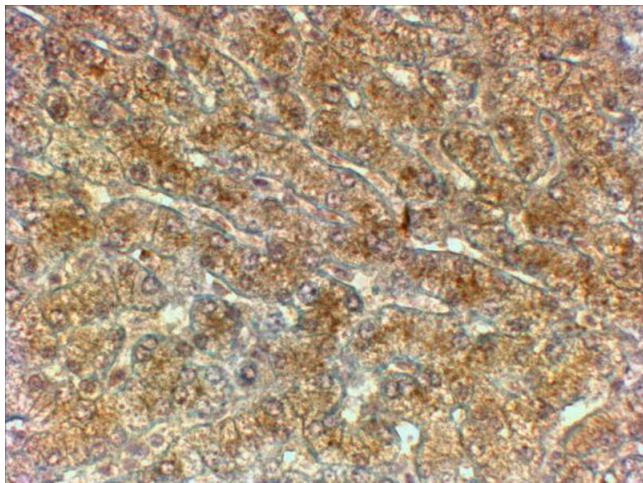
Target:	ATG4A
Alternative Name:	ATG4A (ATG4A Products)
Background:	ATG4A, ATG4 autophagy related 4 homolog A (S. cerevisiae), APG4A, AUTL2, APG4 autophagy 4 homolog A, AUT-like 2, cysteine endopeptidase, OTTHUMP00000062893, autophagin 2, autophagy-related cysteine endopeptidase 2
Gene ID:	115201
NCBI Accession:	NP_443168 , NP_840054
Pathways:	Autophagy

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Liver shows textured cytoplasm staining in the hepatocytes. Recommended concentration, 2-4 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN2613388 (2µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.