

Datasheet for ABIN570736

anti-ATG4D antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	ATG4D
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATG4D antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ATG4D
Immunogen:	Peptide with sequence CSQLAQPTLR LPRT, from the internal region (near C terminus) of the protein sequence according to NP_116274.3.
Sequence:	CSQLAQPTLR LPRT
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

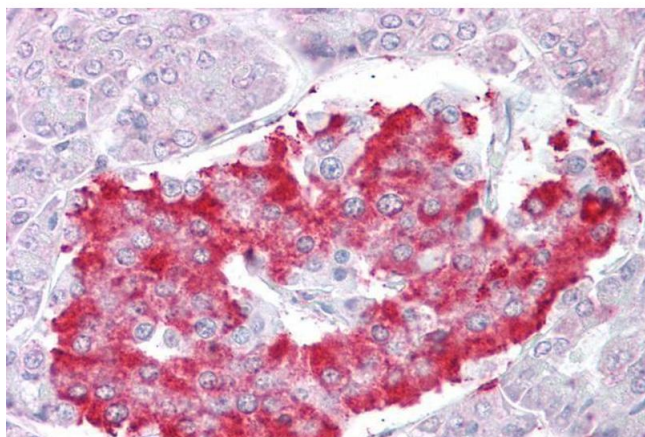
Target:	ATG4D
Alternative Name:	ATG4D (ATG4D Products)
Background:	ATG4D, ATG4 autophagy related 4 homolog D (S. cerevisiae), APG4-D, APG4D, AUTL4, APG4 autophagy 4 homolog D, AUT-like 4, cysteine endopeptidase, autophagin-4, autophagy-related cysteine endopeptidase 4, cysteine protease involved in autophagy
Gene ID:	84971, 235040, 686505
NCBI Accession:	NP_116274
Pathways:	Autophagy

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Pancreas. Recommended concentration: 2.5 µg/mL. Western Blot: Preliminary experiments gave an approx. 26 kDa band in Human Skeletal Muscle lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size Peptide ELISA: antibody detection limit dilution 1:32000.
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. ABIN570736 (2.5µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.