



Anti-ATG4C (aa 51-65) polyclonal antibody (CPBT-66437RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product specifically recognises ATG4C (Autophagy-related protein 4 homolog C), otherwise known as APG4C/Cysteine protease ATG4C, a cytosolic cysteine protease and member of the peptidase C54 family, predominantly expressed in heart, liver, skeletal muscle and testis. Orthologues of ATG4, play a central role in the cleavage of the C-Terminal region of the target proteins GABARAPL2, MAP1LC3 or GABARAP during autophagy, and studies have implicated that ATG4C may be particularly relevant to the autophagic response under stressful conditions, such as during prolonged starvation. Western Blotting detects a band of approximately 50-52kDa in HEK-293T cell lysates.
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Specificity	ATG4C
Immunogen	KLH conjugated synthetic peptide corresponding to amino acids 51-65 of human ATG4C.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ATG4C autophagy related 4C, cysteine peptidase [Homo sapiens (human)]
Official Symbol	ATG4C
Synonyms	ATG4C; autophagy related 4C, cysteine peptidase; APG4C; AUTL1; AUTL3; APG4-C; cysteine protease ATG4C; autophagin-3; APG4 autophagy 4 homolog C; AUT-like 3 cysteine endopeptidase; ATG4 autophagy related 4 homolog C; AUT-like 1, cysteine endopeptidase; aut
Entrez Gene ID	84938
Protein Refseq	NP_116241
UniProt ID	Q96DT6
Chromosome Location	1p31.3
Pathway	Regulation of autophagy;
Function	cysteine-type endopeptidase activity; peptidase activity;