



Anti-ATG4A (aa 100-114) polyclonal antibody (CPBT-66436RH)

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

PRODUCT INFORMATION

Product Overview	This product specifically recognises human ATG4A (Autophagy-related protein 4 homolog A), otherwise known as APG4A/Cysteine protease ATG4A, a cytosolic cysteine protease and member of the peptidase C54 family, predominantly expressed in skeletal muscle and brain, which plays a central role in the cleavage of the C-Terminal region of the target proteins GABARAPL2, MAP1LC3 or GABARAP during autophagy. has been shown to be suitable for use in immunoprecipitation using HEK-293T cell lysates.
Specificity	ATG4A
Immunogen	KLH conjugated synthetic peptide corresponding to amino acids 100-114 of human ATG4A. The
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	IP
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	ATG4A autophagy related 4A, cysteine peptidase [Homo sapiens (human)]
Official Symbol	ATG4A
Synonyms	ATG4A; autophagy related 4A, cysteine peptidase; APG4A; AUTL2; cysteine protease ATG4A; hAPG4A; autophagin 2; autophagin-2; APG4 autophagy 4 homolog A; AUT-like 2 cysteine endopeptidase; ATG4 autophagy related 4 homolog A; AUT-like 2, cysteine endopeptida
Entrez Gene ID	115201
Protein Refseq	NP_443168
UniProt ID	Q8WYN0
Chromosome Location	Xq22.1-q22.3
Pathway	Regulation of autophagy;
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity;