

Atg4D Rabbit Polyclonal Antibody

Catalog# UZ-PA01359

Product information

产品货号	UZ-PA01359
别名	ATG4D; APG4D; AUTL4; Cysteine protease ATG4D; AUT-like 4 cysteine endopeptidase; Autophagin-4; Autophagy-related cysteine endopeptidase 4; Autophagy-related protein 4 homolog D
产品名称	Atg4D Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ATG4D
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	84971
Human Swissprot No.	Q86TL0
免疫原	Synthesized peptide derived from the Internal region of human Atg4D.
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:5000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	45kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene belongs to the autophagy-related protein 4 (Atg4) family of C54 endopeptidases. Members of this family encode proteins that play a role in the biogenesis of autophagosomes, which sequester the cytosol and organelles for degradation by lysosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],
细胞定位	[Cysteine protease ATG4D]: Cytoplasm .; [Cysteine protease ATG4D, mitochondrial]: Cytoplasm . Mitochondrion matrix . Imported into mitochondrial matrix after cleavage by CASP3 during oxidative stress and cell death. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal