

# ATG4D Rabbit pAb

货号: **AYP21270**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	16kDa/52kDa
实测分子量	53kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	Cytoplasm,Mitochondrion matrix
纯化	Affinity purification

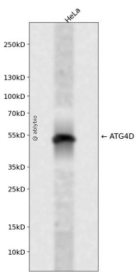
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human ATG4D (NP_116274.3).
序列	MNSVSPAAAQYRSSSPEDARRRPEARPRGPRGPDNGLGSPGASGPALGSPGAGPSEPDEVDFKAKFLTAWNNVKY GWVVKSRFSKISSIHLGRRYRFEGEGDIQRFQRDFVSRLLWLTYYRRDFPPLPGGCLTSDCGWGCMLRSGQMMLAQG LLLHFLPRDWTWAEGMGLGPPPELGSASPSRYHGPARWMPRWAQGAPELEQERRHRQIVSWFADHPRAPFGLH

## 靶点信息

研究背景	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.
基因ID	84971
基因名	ATG4D
Swiss	Q86TL0
别名	ATG4D;APG4-D;APG4D;AUTL4

## 产品验证



Western blot analysis of ATG4D expressed in HeLa using ATG4D Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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