

自噬相关蛋白 9B 抗体

产品货号： mlR4011

英文名称： ATG9B

中文名称： 自噬相关蛋白 9B 抗体

别名： Apg9 like 2; Apg9-like 2; Apg9L2; Apgdc2; ATG9 autophagy related 9 homolog B; Atg9b; Autophagy related protein 9B; Autophagy-related protein 9B; eONE; Gm574; Nitric oxide synthase 3 overlapping antisense gene protein; Nitric oxide synthase 3-overlapping antisense gene protein; NOS3AS; Protein sONE; SONE; Apg912.

研究领域： 肿瘤 免疫学 细胞凋亡

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：94kDa

细胞定位：细胞浆 细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human ATG9B:351-450/923

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 癆 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 癆. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 癆.

PubMed：PubMed

产品介绍 background:

This gene functions in the regulation of autophagy, a lysosomal degradation pathway. This gene also functions as an antisense transcript in the posttranscriptional regulation of the endothelial nitric oxide synthase 3 gene, which has 3' overlap with this gene on the opposite strand. Mutations in this gene and disruption of the autophagy process have been associated with multiple cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]

Function:

Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. Plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle.

Subcellular Location:

Cytoplasmic vesicle ?autophagosome membrane; Multi-pass membrane protein. Note: Under amino acid starvation or rapamycin treatment, redistributes from a juxtannuclear clustered pool to a dispersed peripheral cytosolic pool. The starvation-induced redistribution depends on ULK1 and ATG13.

Tissue Specificity:

Highly expressed in placenta (trophoblast cells) and pituitary gland. Not expressed in vascular endothelial.

Similarity:

Belongs to the ATG9 family.

SWISS:

Q6EBV9

Gene ID:

285973

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

