磷酸肌醇相互作用蛋白 2 抗体

产品货号： mlR8767

英文名称： WIPI2/Atg21

中文名称： 磷酸肌醇相互作用蛋白 2 抗体

别　　名： ATG18B; Atg21; CGI 50; DKFZp434J154; DKFZp686P02188; FLJ12979; FLJ14217; FLJ42984; WD repeat domain phosphoinositide-interacting protein 2; WD repeat domain, phosphoinositide interacting 2; WD40 repeat protein interacting with phosphoinositides 2; WIPI 2; WIPI-2; WIPI2; WIPI2_HUMAN; WIPI49 like protein 2; WIPI49-like protein 2.

研究领域： 细胞生物　信号转导　细胞凋亡　细胞自噬

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse,

产品应用 ： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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 ： 49kDa

细胞定位 ： 细胞浆

性　　状 ： Lyophilized or Liquid

浓　　度 ： 1mg/ml

免 疫 原 ： KLH conjugated synthetic peptide derived from human WIPI2/Atg21:181-280/454

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 ° C 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° C. 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 ° C.

PubMed : PubMed

产品介绍 : WD40 repeat proteins are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins, such as WIPI2, have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids (Proikas-Cezanne et al., 2004 [PubMed 15602573]).[supplied by OMIM, Mar 2008]

Function:

Probable early component of the autophagy machinery being involved in formation of preautophagosomal structures and their maturation into mature phagosomes in response to PtdIns3P. May bind PtdIns3P.

Subunit:

Interacts with TECPR1.

Subcellular Location:

Preautophagosomal structure membrane. Enriched at preautophagosomal structure membranes in response to ptdIns3P.

Tissue Specificity:

Ubiquitously expressed (at protein level). Highly expressed in heart, skeletal muscle and pancreas. Expression is down-regulated in pancreatic and in kidney tumors.

Similarity:

Belongs to the WD repeat SVP1 family.

Contains 3 WD repeats.

SWISS:

Q9Y4P8

Gene ID:

26100

Important Note:

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