

空泡分选蛋白 18 抗体

产品货号： mIR1953

英文名称： VPS18

中文名称： 空泡分选蛋白 18 抗体

别名： vacuolar protein sorting protein 18; PEP3; VPS18; KIAA1475; hVPS18; Vacuolar protein sorting 18; Vacuolar protein sorting-associated protein 18; vps18; VPS18_HUMAN.

研究领域： 细胞生物 免疫学 发育生物学 细胞周期蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, 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： 107kDa

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 VPS18:701-800/973

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： Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps18 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway.

Subunit:

Interacts with HOOK1. Part of a large heterooligomeric complex together with VPS11, VPS16 and VPS33A. Interacts with STX7.

Subcellular Location:

Late endosome membrane; Peripheral membrane protein; Cytoplasmic side. Lysosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Cytoplasmic, peripheral membrane protein associated with late endosomes/lysosomes.

Tissue Specificity:

Ubiquitous. Expression was highest in heart and low in lung.

Similarity:

Belongs to the VPS18 family.

Contains 1 clathrin repeat.

Contains 1 RING-type zinc finger.

SWISS:

Q9P253

Gene ID:

57617

Important Note:

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