锌指蛋白结构域 ZFYVE28 抗体

产品货号： mlR19160

英文名称： ZFYVE28

中文名称： 锌指蛋白结构域 ZFYVE28 抗体

别　　名： hLst2; Lateral signaling target protein 2 homolog; LST2; LST2_HUMAN; LYST2; MGC43699; MGC61592; zfyve28; Zinc finger FYVE domain containing 28; Zinc finger FYVE domain-containing protein 28.

研究领域： 细胞生物　免疫学　信号转导　生长因子和激素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

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： 96kDa

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 ZFYVE28:1-100/887

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： ZFYVE28 is an 887 amino acid protein that contains one FYVE-type zinc finger, which mediates the interaction with PI3P (phosphatidylinositol 3-phosphate). ZFYVE28 functions as a negative regulator of EGFR (epidermal growth factor receptor) by promoting its degradation in endosomes when not monoubiquinated on Lys-87. In the absence of monoubiquination, ZFYVE28 localizes to the early endosome membrane, while it localizes to the cytosol when it is monoubiquinated. There are five isoforms of ZFYVE28 that are produced as a result of alternative splicing events.

Function:

Negative regulator of epidermal growth factor receptor (EGFR) signaling. Acts by promoting EGFR degradation in endosomes when not monoubiquitinated.

Subcellular Location:

Cytoplasm > cytosol. Early endosome membrane. Localizes to early endosome membrane in absence of Lys-87 monoubiquitination. Localizes to cytosol when monoubiquitinated.

Post-translational modifications:

Monoubiquitination at Lys-87 prevents binding to phosphatidylinositol 3-phosphate (PI3P) and localization to

early endosome membranes.

Similarity:

Belongs to the lst-2 family.

Contains 1 FYVE-type zinc finger.

SWISS:

Q9HCC9

Gene ID:

57732

Important Note:

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