

心脏蛋白磷酸酶 1 结合蛋白环指蛋白 158 抗体

产品货号： mlR9230

英文名称： RNF158

中文名称： 心脏蛋白磷酸酶 1 结合蛋白/环指蛋白 158 抗体

别 名： Heart protein phosphatase 1-binding protein; HEPP1; Putative E3 ubiquitin protein ligase SH3RF2; Putative E3 ubiquitin-protein ligase SH3RF2; RING finger protein 158; SH3 domain containing RING finger protein 2; SH3 domain-containing RING finger protein 2; SH3R2_HUMAN; Sh3rf2.

研究领域： 心血管 细胞生物 细胞周期蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 79kDa

细胞定位： 细胞核

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human RNF158:621-729/729

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： The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. SH3RF2 (SH3 domain containing ring finger 2), also known as RNF158, is a 729 amino acid protein with one RING-type zinc finger domain and three SH3 domains. Via its RING-type zinc finger domain, SH3RF2 binds an E2 ubiquitin-conjugating enzyme. This suggests that SH3RF2 functions as an E3 ubiquitin-protein ligase that accepts a ubiquitin residue from an E2 ubiquitin-conjugating enzyme and immediately transfers that residue to a protein that is targeted for degradation. Due to alternative splicing events, SH3RF2 is expressed as two different isoforms.

Function:

Inhibits PPP1CA phosphatase activity. May be a E3 ubiquitin-protein ligase (Potential). May play a role in cardiac function.

Subunit:

Interacts with FASLG and PPP1CA.

Tissue Specificity:

Heart (at protein level). Heart and testis. In the heart, present in the apex, left atrium, right atrium, left ventricle and right ventricle, but not in the aorta.

Similarity:

Belongs to the SH3RF family.

Contains 1 RING-type zinc finger.

Contains 3 SH3 domains.

SWISS:

Q8TEC5

Gene ID:

153769

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

