抗人TRIM72多克隆抗体

Anti-Human TRIM72 Polyclonal Antibody

货号：RB9T37037368

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37037368

中文名称
抗人TRIM72多克隆抗体

英文名称
Anti-Human TRIM72 Polyclonal Antibody

形态
Liquid

内毒素水平
Please contact with the lab for this information.

应用
ELISA, IHC, WB

登录号
Q6ZMU5

宿主种属
Rabbit

克隆性
Polyclonal

抗体亚型
IgG

纯化方式
Purified by antigen affinity column.

种属反应性
Human

靶标
EC:2.3.2.27, MG53, Mg53, Mitsugumin-53, TRIM72, Tripartite motif-containing protein 72

免疫原
E. coli - derived recombinant Human TRIM72 (Leu288-Ala477).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

Tripartite motif-containing protein 72 (TRIM72) is a ~52 kDa protein. Muscle-specific E3 ubiquitin-protein ligase that plays a central role in cell membrane repair by nucleating the assembly of the repair machinery at injury sites. Its ubiquitination activity is mediated by E2 ubiquitin-conjugating enzymes UBE2D1, UBE2D2 and UBE2D3. Acts as a sensor of oxidation: upon membrane damage, entry of extracellular oxidative environment results in disulfide bond formation and homooligomerization at the injury site. This oligomerization acts as a nucleation site for recruitment of TRIM72-containing vesicles to the injury site, leading to membrane patch formation. Probably acts upstream of the Ca(2+)-dependent membrane resealing process.

1. Ma, Y. et al. (2023) Nature communications 14, 1555. PMID: 36944613

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only