抗人TRIM65多克隆抗体

Anti-Human TRIM65 Polyclonal Antibody

货号：RB9T37037375

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
RB9T37037375

中文名称
抗人TRIM65多克隆抗体

英文名称
Anti-Human TRIM65 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
Q6PJ69

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
E3 ubiquitin-protein ligase TRIM65, EC:2.3.2.27, TRIM65, Tripartite motif-containing protein 65

免疫原
E. coli - derived recombinant Human TRIM65 (Val319-Ser517).

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

E3 ubiquitin-protein ligase TRIM65 is a ~57 kDa protein. E3 ubiquitin ligase that plays a role in several processes including innate immnity, autophagy or inflammation. Negatively regulates miRNAs by modulating the ubiquitination and stability of TNRC6A, a protein involved in RNA-mediated gene silencing by both micro-RNAs (miRNAs) and short interfering RNAs. This ubiquitination results in the suppressed expression of miR-138-5p leading to increased autophagy. Upon enteroviral infection, promotes 'Lys-63'-mediated ubiquitination activation of IFIH1/MDA5 leading to innate signaling cascade. Mechanistically, selectively recognizes MDA5 filaments that occur on dsRNAs.

1. Meng, J. et al. (2017) Cell death & disease 8, e2866. PMID: 28594402
2. Tang, T. et al. (2021) Frontiers in immunology 12, 741839. PMID: 34512673
3. Li, S. et al. (2014) Proceedings of the National Academy of Sciences of the United States of America 111, 6970-5. PMID: 24778252
4. Pan, X. et al. (2019) Cell death & disease 10, 429. PMID: 31160576
5. Kato, K. et al. (2021) Molecular cell 81, 599-613.e8. PMID: 33373584
6. Li, Y. et al. (2020) Journal of molecular cell biology 12, 190-201. PMID: 31310649

储存缓冲液

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

For research use only