抗人TRMT5多克隆抗体

Anti-Human TRMT5 Polyclonal Antibody

货号：RB9T37037405

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
RB9T37037405

中文名称
抗人TRMT5多克隆抗体

英文名称
Anti-Human TRMT5 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
Q32P41

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:2.1.1.228, KIAA1393, M1G-methyltransferase, TRM5, TRMT5, tRNA (guanine(37)-N(1))-methyltransferase, tRNA [GM37] methyltransferase, tRNA methyltransferase 5 homolog

免疫原
E. coli - derived recombinant Human TRMT5 (Thr65-Lys475).

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

tRNA (guanine(37)-N(1))-methyltransferase (TRMT5) is a ~58 kDa protein. Involved in mitochondrial tRNA methylation. Specifically methylates the N1 position of guanosine-37 in various tRNAs. Methylation is not dependent on the nature of the nucleoside 5' of the target nucleoside. This is the first step in the biosynthesis of wybutosine (yW), a modified base adjacent to the anticodon of tRNAs and required for accurate decoding.

1. Powell, CA. et al. (2015) American journal of human genetics 97, 319-28. PMID: 26189817

储存缓冲液

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

For research use only