For Research Use Only

RNA Methylation Expanded Antibody Kit

Catalog Number: PK30017

www.ptgcn.com

产品介绍

RNA Methylation Expanded Antibody Kit为研究修饰m6A, m5C, m7G和m1A及其调控因子提供了一种经济有效的工具。对于开始新项目的研究人员、筛选多个潜在目标的研究人员或那些仅仅需要较少体积抗体的研究人员来说是非常适合的。

产品成分

RNA Methylation Expanded Antibody Kit包含RNA修饰及其调节因子的12个关键蛋白靶点的抗体。

Antigen	Catalog No.	Host, clonality	Tested Reactivity	Applications	Volume
m6A	68055-1-Ig	Mouse monoclonal	H, M, R, Pg	WB, IP, IF, RIP, IHC, ELISA, Dot Blot	20 uL
m5C	68301-1-Ig	Mouse monoclonal	H, M, R	IHC, ELISA, Dot Blot	20 uL
m7G	68302-1-Ig	Mouse monoclonal	H, M	IHC, ELISA, Dot Blot	20 uL
m1A	68636-1-Ig	Mouse monoclonal	H	ELISA, Dot Blot	20 uL
METTL3	80323-1-RR	Rabbit monoclonal	H, M, R	WB, IF, IHC, ELISA	20 uL
FTO	81471-1-RR	Rabbit monoclonal	H	WB, IF, IHC, ELISA	20 uL
YTHDF1	66745-1-Ig	Mouse monoclonal	H, M, R, Pg	WB, IP, IF, IHC, CoIP, ELISA	20 uL
NSUN2	66580-1-Ig	Mouse monoclonal	H	WB, IP, IF, IHC, CoIP, ELISA	20 uL
TET2	21207-1-AP	Rabbit polyclonal	H, M, G, Sh	WB, IP, IF, FC, IHC, CoIP, ChIP, ELISA	20 uL
ALYREF	16690-1-AP	Rabbit polyclonal	H, M, G, Sh	WB, IF, RIP, IHC, ELISA	20 uL
RNMT	67673-1-Ig	Mouse monoclonal	H, M	WB, ELISA	20 uL
TRMT6	16727-1-AP	Rabbit polyclonal	H, M, R	WB, IHC, ELISA	20 uL

如果此试剂盒中的抗体不满足您的需求，请参考我们的“ RNA Methylation Essentials Antibody Kit“。

包装规格

12× 20 uL

保存条件

-20℃保存。自收到之日起一年内保持稳定。

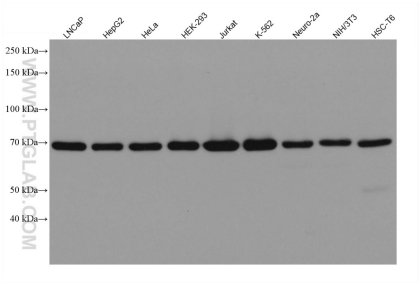
背景介绍

RNA甲基化是一种RNA修饰，涉及在特定核苷酸碱基上添加甲基。RNA残基的甲基化是由“Writers”(甲基转移酶)、“Readers”(结合蛋白)和“Erasers”(去甲基化酶)之间的动态相互作用调节的。m6A、m5C、m7G和m1A是常见的RNA修饰，已被证明在基因表达和包括癌症在内的各种疾病中发挥关键作用。

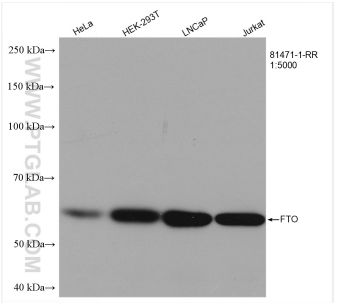
标准实验流程

点击此处查看我们用于各种应用的标准流程，包括WB、IP、IHC、IF、FC和ELISA。

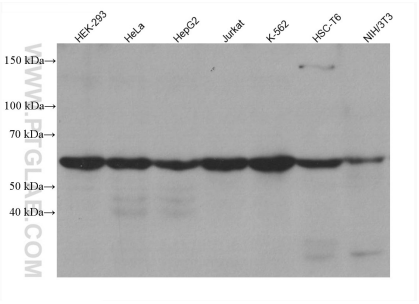
Validation Data



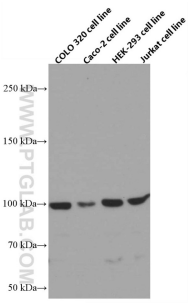
Various lysates were subjected to SDS PAGE followed by western blot with 80323-1-RR (METTL3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



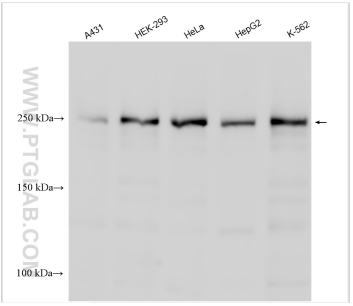
Various lysates were subjected to SDS PAGE followed by western blot with 81471-1-RR (FTO antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



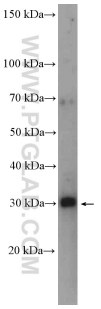
Various lysates were subjected to SDS PAGE followed by western blot with 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



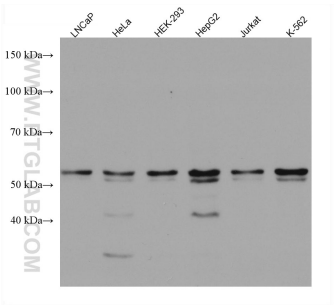
Various lysates were subjected to SDS PAGE followed by western blot with 66580-1-Ig (NSUN2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



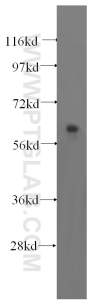
Various lysates were subjected to SDS PAGE followed by western blot with 21207-1-AP (TET2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



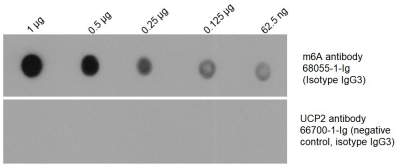
HeLa cells were subjected to SDS PAGE followed by western blot with 16690-1-AP (ALY antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



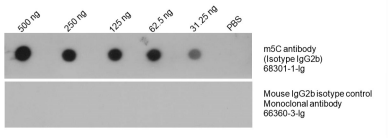
Various lysates were subjected to SDS PAGE followed by western blot with 67673-1-Ig (RNMT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



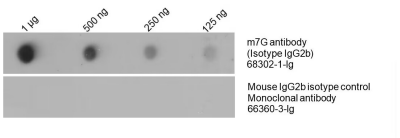
human brain tissue were subjected to SDS PAGE followed by western blot with 16727-1-AP (TRMT6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



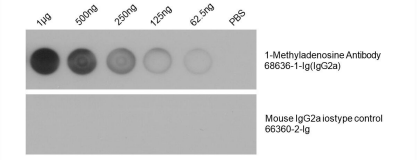
Total RNA was isolated from HEK-293 cell line and was dotted to NC membrane at different amount as indicated above the dots. The membrane was blocked with BSA and blotted with m6A antibody 68055-1-Ig at 1:2000 followed by incubation of HRP-goat anti-mouse secondary antibody. Signal was developed by ECL substrate. A parallel dot blo.. was performed using unrelated antibody with the same isotype (UCP2 antibody 66700-1-Ig) at the



Total DNA was isolated from HeLa cell line and was dotted to NC membrane at different amount as indicated above the dots. The membrane was blocked with BSA and blotted with m5C antibody 68301-1-Ig at 1:5000 followed by incubation of HRP-goat anti-mouse secondary antibody. Signal



Total RNA was isolated from HeLa cell line and was dotted to NC membrane at different amount as indicated above the dots. The membrane was blocked with BSA and blotted with m7G antibody 68302-1-Ig at 1:5000 followed by incubation of HRP-goat anti-mouse secondary antibody. Signal



Total RNA was isolated from HeLa cell line and was dotted to NC membrane at different amount as indicated above the dots. The membrane was blocked with 1% BSA and blotted with m1A (1-Methyladenosine) antibody 68636-1-Ig at 1:2000 followed by incubation of HRP-goat anti-mouse

For technical support and original validation data for this product please contact

T: 027-87531629 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.