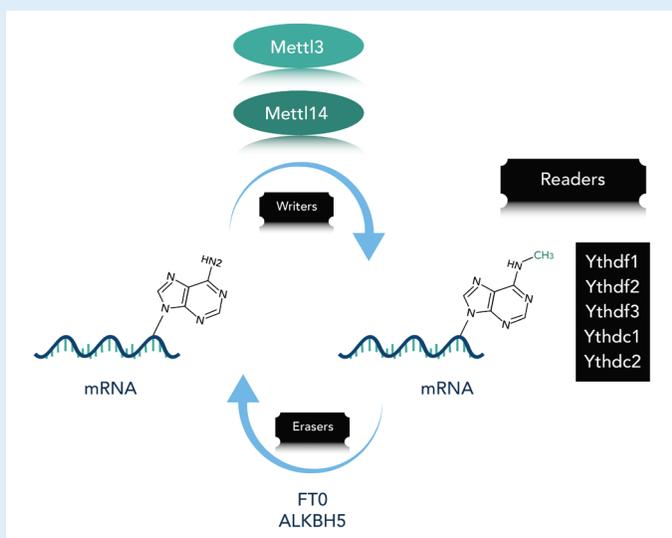


PRODUCT FOCUS

m6A RNA modification and its regulators

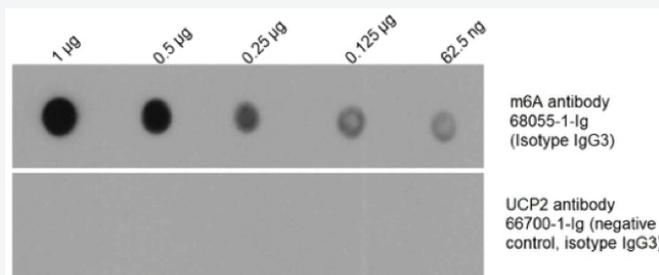


N6-methyladenosine

N6-methyladenosine (m6A) is the most abundant modification in eukaryotic RNA. The effects of m6A modification on RNA are determined by the dynamic interplay between its regulators called **"writers"** (methyltransferases), **"readers"** (binding proteins), and **"erasers"** (demethylases). m6A modification and its regulators are of high clinical significance for cancer diagnosis, prognosis and therapy.

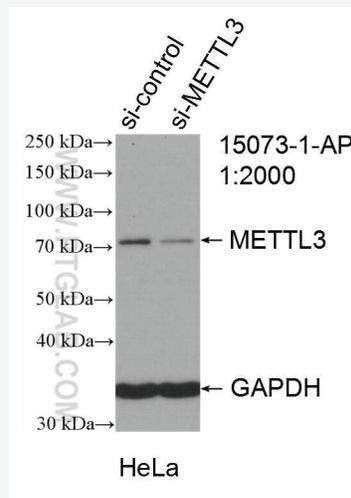
m6A Monoclonal Antibody

Cat No.	Type	Applications
68055-1-Ig	Mouse / IgG3	Dot Blot



m6A Monoclonal Antibody (68055-1-Ig)

m6A Monoclonal Antibody (68055-1-Ig) was used to identify m6A modification in dot blot with total RNA isolates from HEK cell line. A parallel dot blot was performed as a control, using unrelated antibody with the same isotype (UCP2 antibody 66700-1-Ig) at the same dose.



WB result of METTL3 antibody

Cat No.
15073-1-AP

Type
Rabbit / IgG

Applications
WB, RIP, IP, IHC, IF, FC, CoIP, ChIP, ELISA

WB result of METTL3 antibody (15073-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with Control RNA and METTL3 siRNA transfected HeLa cells.

5-star customer rating



166 citations

Proteintech offers highly cited antibodies which can specifically detect m6A modification, and its "writers", "readers" and "erasers" in various applications including Western Blot, Immunofluorescence, Immunohistochemistry and ChIP. These antibodies are extensively validated using siRNA mediated protein knock downs.

Antibodies against m6A and its regulators

Catalog no.	Target Name	Type	Application
68055-1-Ig	m6A	Mouse / IgG3	Dot Blot
m6A Writers/Methyltransferases			
15073-1-AP	METTL3	Rabbit / IgG	WB, RIP, IP, IHC, IF, FC, CoIP, ChIP, ELISA
67733-1-Ig		Mouse / IgG1	WB, IHC, IF, ELISA
80323-1-RR		Rabbit / IgG	WB, IHC, IF, ELISA
26158-1-AP	METTL14	Rabbit / IgG	WB, RIP, IHC, IF
80790-1-RR		Rabbit / IgG	WB
19924-1-AP	METTL16	Rabbit / IgG	WB, IHC
60188-1-Ig	WTAP	Mouse / IgG1	WB, IP, IHC, IF, FC
10200-1-AP		Rabbit / IgG	WB, RIP, IP, IF
25712-1-AP	KIAA1429	Rabbit / IgG	WB, IP, IHC, IF, CoIP, ELISA
m6A Erasers/Demethylases			
27226-1-AP	FTO	Rabbit / IgG	WB, RIP, IHC, IF
16837-1-AP	ALKBH5	Rabbit / IgG	WB, RIP, IHC, IF
67811-1-Ig		Mouse / IgG2b	WB, ELISA
m6A Readers			
29441-1-AP	YTHDC1	Rabbit / IgG	WB, IHC
67911-1-Ig		Mouse / IgG1	WB, ELISA
27779-1-AP	YTHDC2	Rabbit / IgG	WB, IP, IF
17479-1-AP	YTHDF1	Rabbit / IgG	WB, RIP, IP, IHC, IF, CoIP, ELISA
66745-1-Ig		Mouse / IgG1	WB, IF, CoIP, ELISA
24744-1-AP	YTHDF2	Rabbit / IgG	WB, RIP, IP, IF, CoIP, CLIP, ChIP, ELISA
26771-1-AP		Rabbit / IgG	WB, IHC, IF, ELISA
25537-1-AP	YTHDF3	Rabbit / IgG	WB, RIP, IHC, IF

Proteintech offers exceptionally bright and photostable CoraLite® conjugated antibodies for immunofluorescence.



Scan to learn more about CoraLite® conjugates