

For Research Use Only

HRP-conjugated METTL3 Monoclonal antibody



Catalog Number: HRP-67733

Featured Product

Basic Information

Catalog Number:

HRP-67733

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7110

GenBank Accession Number:

BC001650

GeneID (NCBI):

56339

UNIPROT ID:

Q86U44

Full Name:

methyltransferase like 3

Calculated MW:

64 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein G purification

CloneNo.:

2D8H1

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB

Species Specificity:

Human, mouse

Positive Controls:

WB : HeLa cells,

Background Information

METTL3 is a key S-adenosyl-L-methionine-binding subunit, which is component of a complex multicomponent enzyme that catalyzes the methylation of internal adenosine residues in eukaryotic mRNA, forming N6-methyladenosine. It contains 2 putative nuclear localization signals and 2 consensus methylation motifs. The calculated molecular weight of METTL3 is 64 kDa, but modified METTL3 is about 65-70 kDa.

Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

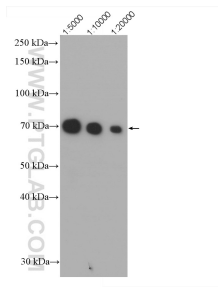
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with HRP-67733 (METTL3 antibody) at dilutions of 1:5000, 1:10000 and 1:20000 incubated at room temperature for 1.5 hours.