

For Research Use Only

METTL5 Polyclonal antibody, PBS Only

Catalog Number: 16791-1-PBS

Featured Product



Basic Information

Catalog Number:

16791-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10232

GenBank Accession Number:

BC000921

GeneID (NCBI):

29081

UNIPROT ID:

Q9NRN9

Full Name:

methyltransferase like 5

Calculated MW:

209 aa, 24 kDa

Observed MW:

24-27 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

Background Information

METTL5 is a member of the METTL family of S-adenosyl-methionine-dependent methyltransferases that adds m6A to a specific site, nucleotide A-1832 of 18S rRNA, hereafter referred to as m6A1832. METTL5 is localized in the nucleolus and cytoplasm.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

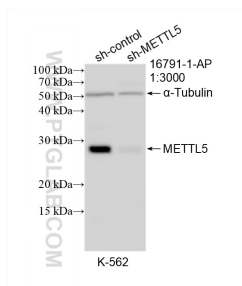
T: 4006900926

E: Proteintech-CN@ptglab.com

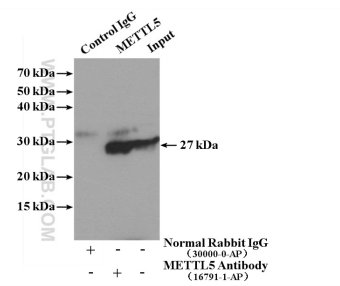
W: ptgcn.com

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

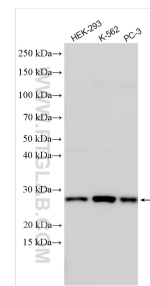
Selected Validation Data



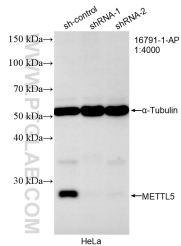
WB result of METTL5 antibody (16791-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL5 transfected K-562 cells. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



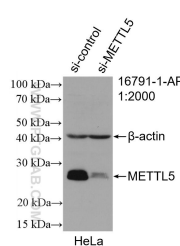
IP result of anti-METTL5 (IP:16791-1-AP, 4ug; Detection:16791-1-AP 1:500) with PC-3 cells lysate 3840 ug. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



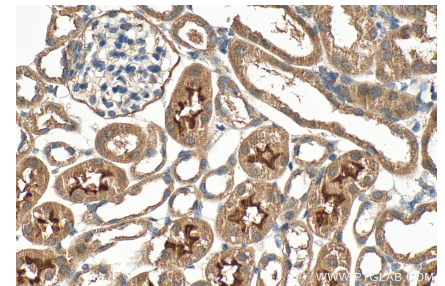
Various lysates were subjected to SDS PAGE followed by western blot with 16791-1-AP (METTL5 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



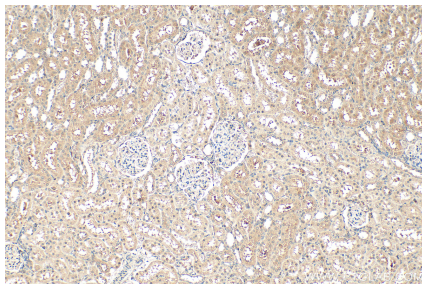
WB result of METTL5 antibody (16791-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL5 transfected HeLa cells. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



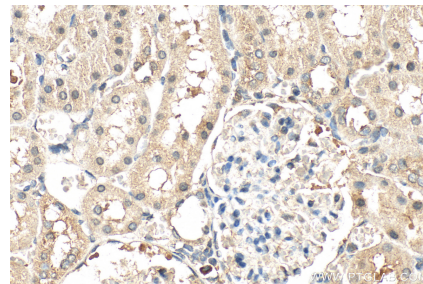
WB result of METTL5 antibody (16791-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL5 transfected HeLa cells. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 16791-1-AP (METTL5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 16791-1-AP (METTL5 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 16791-1-AP (METTL5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using METTL5 antibody (16791-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.