For Research Use Only

METTL5 Polyclonal antibody, PBS Only

Catalog Number:16791-1-PBS Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
16791-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

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

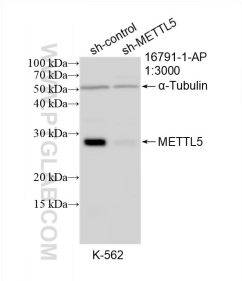
METTL5 is a member of the METTL family of S-adenosyl-methionine-dependent methyltransferases that adds m6A to a specific site, nucleotide A-1832 of 18S rRNA, hereafter referred to as m6A1832. METTL5 is localized in the nucleolus and cytoplasm.

Storage

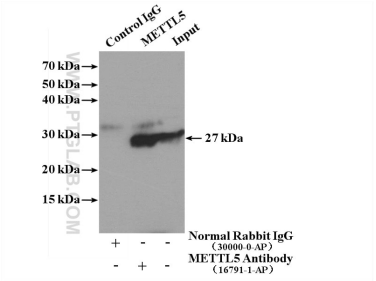
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

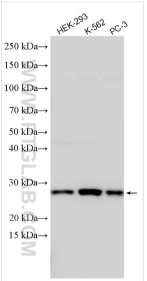
Selected Validation Data



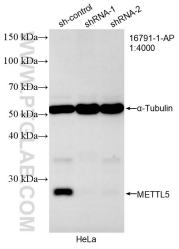
WB result of METTL5 antibody (16791-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL5 transfected K-562 cells. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



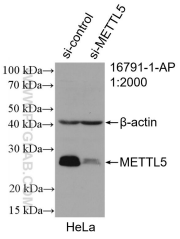
IP result of anti-METTL5 (IP:16791-1-AP, 4ug; Detection:16791-1-AP 1:500) with PC-3 cells lysate 3840 ug. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



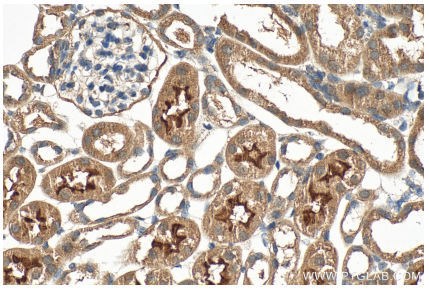
Various lysates were subjected to SDS PAGE followed by western blot with 16791-1-AP (METTL5 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



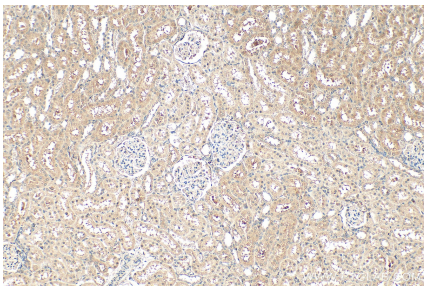
WB result of METTL5 antibody (16791-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL5 transfected HeLa cells. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



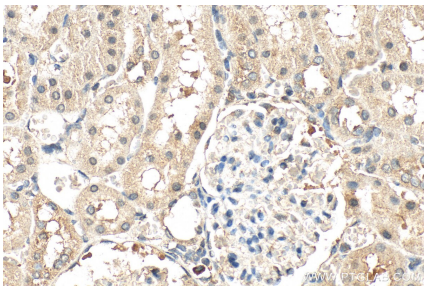
WB result of METTL5 antibody (16791-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL5 transfected HeLa cells. This data was developed using the same antibody clone with 16791-1-PBS in a different storage buffer formulation.



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.