For Research Use Only

METTL5 Polyclonal antibody Catalog Number: 16791-1-AP Featured Product 16

Featured Product 16 Publications

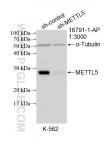


Size GenetID (NCBI): Recommended Dilutions: 150ul, Concentration: 750 ug/ml by 29981 WB 122005-1122000 Namodrop: QNURPOT ID IP 05.4.5 dug for 10.3.0 mg of tota protein lysate Source: QNURPOT ID IP 01.5.4 dug for 10.3.0 mg of tota protein lysate Isotype: methyltransferase like 5 IF (IC 2.1200-1.800) Isotype: methyltransferase like 5 IF (IC 2.1200-1.800) Immunogen Catalog Number: 209 aa, 24 kDa Catculated MW AG10232 Observed MW 24-27 kDa AG10232 AG104 Applications: WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, Hela cells, K-562 cells, PC-30 WB, IHC, IF/CC, IP, G2 cells, Cited Applications: WB, IHC, IF/CC, IP, EUSA WB: HEK-393 cells, MELA cells, K-562 cells, PC-30 WB, IHC, IPB Differ pH -0.0 WB Background Information METILS is anember of the METIL family of 5-adenosyl-methionine-dependent methyltransferases that adds to a specific site, nucleotide A-1852 of 125 rKNA, hereafter referred to as m6A1352. METILS is localized in the nucleus and sytoplasm. Notable Publications Jian Zhang Author Storage St	Basic Information	Catalog Number: 16791-1-AP	GenBank Accession Nu BC000921	umber:	Purification Method: Antigen affinity purification
Nanodrop: UNIPROTID: IP 0.5.4.0ug for 1.0.3.0 mg of tota Source: Q9RN9 protein lysate Rabbit Full Name: IFT.C.1.20-1.200 Isotype: methyltransferase like 5 IFT.C.2.20-1.800 Isotype: methyltransferase like 5 IFT.C.2.20-1.800 Immunogen Catalog Number: AG10232 Observed MW: 24-27 kDa VB, IHC, IFT.C.C. IP, ELISA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, MB, IHC, IFT.C.C. IP, ELISA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, VB, IHC, IFT.C.C. IP, ELISA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, VB, IHC, IFT.C.C. IP, ELISA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, VB, IHC, IPT.C.C. IP, ELISA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, VB, IHC, IPT.C.C. IP, ELISA WB: HEK-293 cells, IFT.C.C. HepG2 cells, Cited Applications: IP: PC-3 cells, WB, IHC, RP IHC: human brain tissue, human IFT.C.C. HepG2 cells, Cited Species: human human Second the METTL family of 5-adenosyl-methionine-dependent methyltransferases that adds in specific site, nucleotide A-1832 of 185 rRNA, hereafter referred to as m6A1832.2 METTL5 is localized in the nucleotus and c			GeneID (NCBI): 29081 UNIPROT ID: Q9NRN9		Recommended Dilutions: WB 1:2000-1:12000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Q9RN9 protein lysite Rabbit Full Name: HC 120-1200 Rabbit Full Name: HC 120-1200 Isoppe: methyltransferase like 5 HC 120-1200 Isoppe: Tested Applications: Positive Controls: WB, HC, IF/ICC, IP, ELSA VIB : HEX-293 cells, HEL cells, K-562 cells, PC-3 cells, Cited Applications: IP : PC-3 cells, WB, HC, RIP IH C: human brain tissue, Juman IF/ICC : HepG2 cells, Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval my be performed with citrate Background Information METTLS is a member of the METTL family of S-adenosyl-methyltransferases that adds is to a specific site, nucleotide A-1832 of 185 rRNA, hereafter referred to as m6A1832. METTLS is localized in the nucleolus and cytoplasm. Notable Publications Jan Zhang Jian Zhang 56465115 Yanchuag Han 35295259 Front Cardiovasc Med<					
Abbit Calculations HC 120-1200 Robbit Full Name: HF 120-1200 Isotype: methyltransferase like 5 IF/ICC 1:200-1:800 Isotype: methyltransferase like 5 IF/ICC 1:200-1:800 IgG Calculated MW: Zalculated MW: AG10232 Observed MW: Z4-27 KDa AG10232 Applications: WB, HC, IF/ICC, IP, EUSA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, WB, HC, RIP IP: PC-3 cells, IHC : human brain tissue, WB, HC, RIP IP: PC-3 cells, IF/ICC : HepG2 cells, Numan IF/ICC: HepG2 cells, IF/ICC: HepG2 cells, Background Information METTLS is a member of the METTL family of 5-adenosyl-methionine-dependent methyltransferases that adds. to a specific site, nucleotide A-1832 of 185 rRNA, hereafter referred to as m6A1832. METTLS is localized in the nucleolus and cytoplasm. Notable Publications MB Jian Zhang 5465115 IScience Jian Zhang 5465115 IScience WB Yanchuang Han 35295259 Front Cardiovasc Med WB Storage: Storage: Storage Storage Storage: Storage af 2-0°C. Stable for one year after shipment. Storage af 2-0°C. Stable for one year after shipment.		·			
Isotype: methytransferase like 5 IgG Calculated MW: AG10232 209 a, 24 k Da AG10232 Disserved MW: 24-27 kDa 24-27 k Da					
IgG Catulated MW: 209 as, 24 kDa Observed MW: 24-27 kDa Applications Tested Applications: WB, IHC, IP/ICC, IP, ELISA Cited Applications: WB, IHC, RP Positive Controls: WB, IHC, RP Species Specificity: human IP: PC-3 cells, Hela cells, K-562 cells, PC-3 of IP: PC-3 cells, IHC: human brain tissue, IF/ICC: HepG2 cells, IHC: human brain tissue, IF/ICC: HepG2 cells, IF/ICC: Hep				e 5	IF/ICC 1:200-1:800
Immunogen Catalog Number: 209 aa, 24 kDa AG20232 Observed NW: 24-27 kDa Applications Tested Applications: WB, HC, LF/ICC, IP, ELISA WB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, UB: HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, UB: HC; RIP Species Specificity: IP: PC-3 cells, UB: Note Note Note Note Note Note Note Note			-		
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WB, IRC, IP/ICC, IP, ELSA WB; IREX-293 cells, Hela cells, K-562 cells, PC-3 of Cited Applications: Cited Applications: IP: PC-3 cells, WB, IRC, RP IP: PC-3 cells, Species Specificity: IHC: human brain tissue, human IF/ICC : HepG2 cells, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 9.0; (*) Alternatively, antigen PHOLOSING METTLS is a member of the METTL family of S-adenosyl-methionine-dependent methyltransferases that adds is Notable Publications METTLS is a member of the METTL family of S-adenosyl-methionine-dependent methyltransferases that adds is Notable Publications Author Pubmed ID Journal Application Jian Zhang 36465115 IScience WB Vanchuang Han 35295259 Front Cardiovasc Med WB Storage: Storage: Storage Eifer: PB with 0.02% sodium azide and 50% glycerol pH 7.3. Allquoting is unnecessary for -20°C storage Storage Storage Storage	Applications	1 C C C C C C C C C C C C C C C C C C C		Positive Con	trols:
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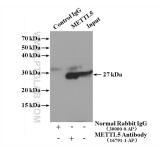
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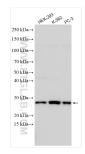
Selected Validation Data



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.



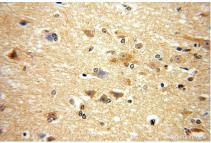
IP result of anti-METTL5 (IP:16791-1-AP, 4ug; Detection:16791-1-AP 1:500) with PC-3 cells lysate 3840 ug.



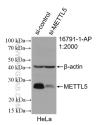
Various lysates were subjected to SDS PAGE followed by western blot with 16791-1-AP (METTL5 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human brain using 16791-1-AP (METTL5 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human brain using 16791-1-AP (METTL5 antibody) at dilution of 1:100 (under 40x lens).



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.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using METTL5 antibody (16791-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594phalloidin (red).