

For Research Use Only

METTL9 Polyclonal antibody

Catalog Number:15120-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 15120-1-AP	GenBank Accession Number: BC000195	Purification Method: Antigen affinity purification
Size: 250 ug/ml	GeneID (NCBI): 51108	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9H1A3	
Isotype: IgG	Full Name: methyltransferase like 9	
Immunogen Catalog Number: AG7191	Calculated MW: 37 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells IHC : human liver cancer tissue, IF/ICC : HepG2 cells,
Cited Applications: WB, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

METTL9 is a broad-specificity methyltransferase that mediates the formation of the majority of 1-methylhistidine(1MH) present in mouse and human proteomes.

Notable Publications

Author	Pubmed ID	Journal	Application
Toshifumi Hara	35402738	Biochem Biophys Rep	WB
Fangfang Bi	38017014	Cell Death Discov	WB,IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

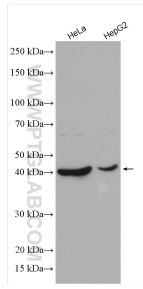
T: 4006900926

E: Proteintech-CN@ptglab.com

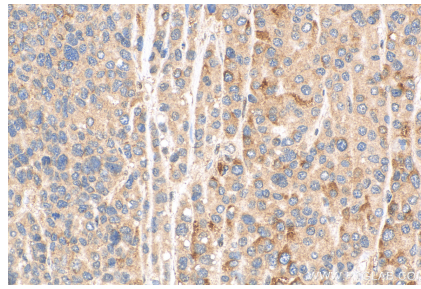
W: ptgcn.com

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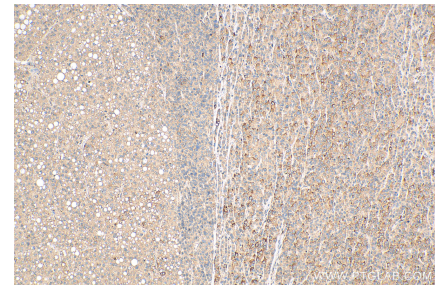
Selected Validation Data



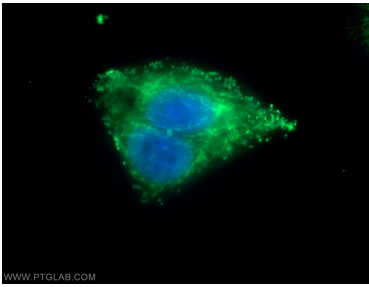
Various lysates were subjected to SDS PAGE followed by western blot with 15120-1-AP (METTL9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15120-1-AP (METTL9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15120-1-AP (METTL9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 15120-1-AP (METTL9 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).