

For Research Use Only

METTL9 Polyclonal antibody

Catalog Number: 15120-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

15120-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7191

GenBank Accession Number:

BC000195

GeneID (NCBI):

51108

UNIPROT ID:

Q9H1A3

Full Name:

methyltransferase like 9

Calculated MW:

37 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

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

Positive Controls:

WB : HeLa cells, HEK-293 cells

IHC : human liver cancer tissue,

IF/ICC : HepG2 cells,

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

*** 20ul sizes contain 0.1% BSA

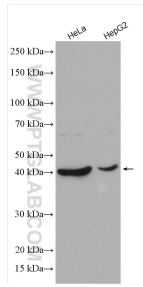
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

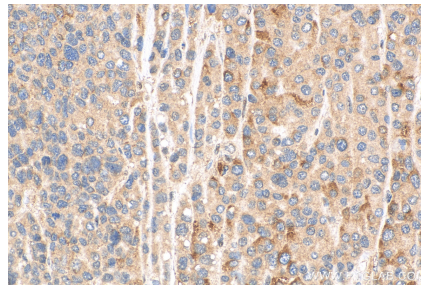
E: proteintech@ptglab.com
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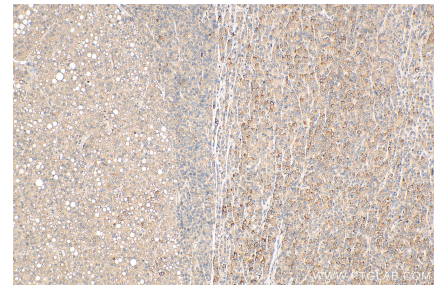
Selected Validation Data



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).