

For Research Use Only

METTL3 Polyclonal antibody, PBS Only

Catalog Number: 29314-1-PBS



Basic Information

Catalog Number: 29314-1-PBS	GenBank Accession Number: BC001650	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 56339	
Source: Rabbit	UNIPROT ID: Q86U44	
Isotype: IgG	Full Name: methyltransferase like 3	
Immunogen Catalog Number: AG30638	Calculated MW: 64 kDa	
	Observed MW: 65-70 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat, monkey

Background Information

METTL3 is a key S-adenosyl-L-methionine-binding subunit, which is a component of a complex multicomponent enzyme that catalyzes the methylation of internal adenosine residues in eukaryotic mRNA, forming N6-methyladenosine. It contains 2 putative nuclear localization signals and 2 consensus methylation motifs. The calculated molecular weight of METTL3 is 64 kDa, but modified METTL3 is about 65-70 kDa.

Storage

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

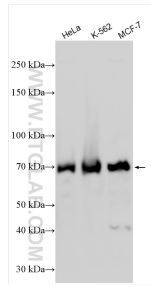
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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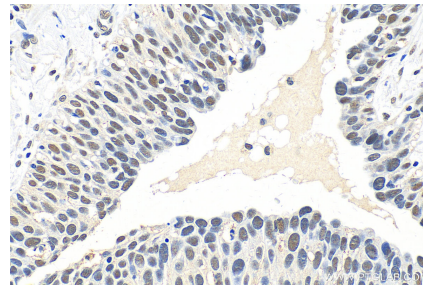
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29314-1-AP (METTL3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29314-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29314-1-AP (METTL3 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29314-1-PBS in a different storage buffer formulation.