

For Research Use Only

# METTL3 Polyclonal antibody, PBS Only

Catalog Number: 29314-1-PBS



## Basic Information

<b>Catalog Number:</b> 29314-1-PBS	<b>GenBank Accession Number:</b> BC001650	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 56339	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q86U44	
<b>Immunogen Catalog Number:</b> AG30638	<b>Full Name:</b> methyltransferase like 3	
	<b>Calculated MW:</b> 64 kDa	
	<b>Observed MW:</b> 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

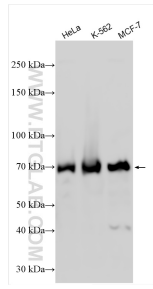
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

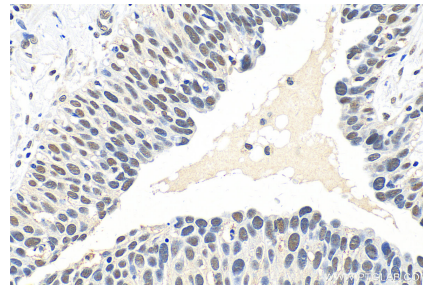
W: [ptgcn.com](http://ptgcn.com)

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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.