

For Research Use Only

# METTL17 Polyclonal antibody, PBS Only

Catalog Number: 20890-1-PBS



## Basic Information

Catalog Number:

20890-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14518

GenBank Accession Number:

BC005053

GeneID (NCBI):

64745

UNIPROT ID:

Q9H7H0

Full Name:

methyltransferase 11 domain containing 1

Calculated MW:

478 aa, 53 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

METTL17 is located in mitochondria through its N-terminal targeting sequence and specifically interacts with 12S mitochondrial ribosomal RNA (mt-rRNA) as well as small subunits of mitochondrial ribosome (MSSUs). METTL17, a regulator of mitochondrial ribosomal RNA modifications, is required for the translation of mitochondrial coding genes. (PMID: 38377789, PMID: 31487196)

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

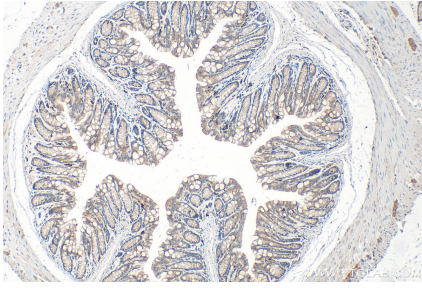
For technical support and original validation data for this product please contact:

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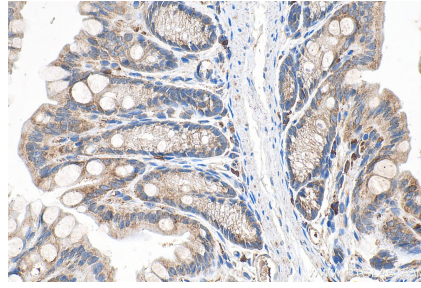
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 20890-1-AP (METT11D1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20890-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 20890-1-AP (METT11D1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20890-1-PBS in a different storage buffer formulation.