

For Research Use Only

# METTL17 Polyclonal antibody

Catalog Number: 20890-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 20890-1-AP	<b>GenBank Accession Number:</b> BC005053	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 64745	<b>Recommended Dilutions:</b> IHC: 1:50-1:500
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9H7H0	
<b>Immunogen Catalog Number:</b> AG14518	<b>Full Name:</b> methyltransferase 11 domain containing 1	
	<b>Calculated MW:</b> 478 aa, 53 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse colon tissue,
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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)

## Notable Publications

Author	Pubmed ID	Journal	Application
Huhu Zhang	41005192	Eur J Med Chem	IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

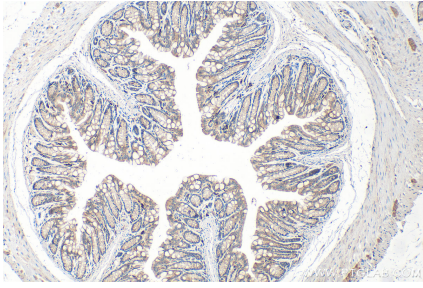
T: 4006900926

E: Proteintech-CN@ptglab.com

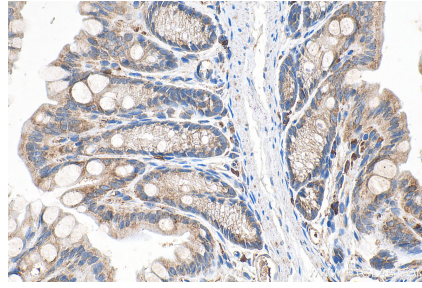
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## Selected Validation Data



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).



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).