

For Research Use Only

METTL17 Polyclonal antibody

Catalog Number: 20890-1-AP

1 Publications



Basic Information

Catalog Number: 20890-1-AP	GenBank Accession Number: BC005053	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 210 ug/ml by Nanodrop;	GeneID (NCBI): 64745	Recommended Dilutions: IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H7H0	
Isotype: IgG	Full Name: methyltransferase 11 domain containing 1	
Immunogen Catalog Number: AG14518	Calculated MW: 478 aa, 53 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse colon tissue,
Cited Applications: IF	
Species Specificity: human, mouse	
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

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

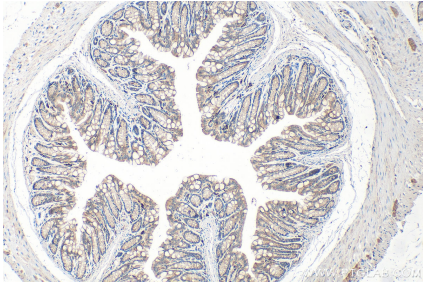
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

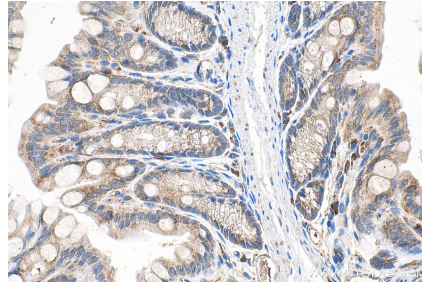
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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).