

METTL15/METT5D1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57259

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	A6NJ78
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46121

Additional Information

Gene ID	196074
Other Names	12S rRNA N4-methylcytidine (m4C) methyltransferase, 12S rRNA m4C methyltransferase, 2.1.1.-, Methyltransferase 5 domain-containing protein 1, Methyltransferase-like protein 15, METTL15 (HGNC:26606), METT5D1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	METTL15 {ECO:0000303 PubMed:31665743, ECO:0000312 HGNC:HGNC:26606}
Function	N4-methylcytidine (m4C) methyltransferase responsible for the methylation of position C839 in mitochondrial 12S rRNA (PubMed: 31665743 , PubMed: 32371392). Involved in the stabilization of 12S rRNA folding, therefore facilitating the assembly of the mitochondrial small ribosomal subunits (PubMed: 31665743 , PubMed: 32371392).
Cellular Location	Mitochondrion matrix

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