

METTL21B Rabbit pAb

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Catalog # AP57262

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96AZ1
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24911
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human METTL21B
Epitope Specificity	131-226/226
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	25895
Other Names	EEF1A lysine methyltransferase 3 {ECO:0000312 HGNC:HGNC:24936}, 2.1.1.-, Hepatocellular carcinoma-associated antigen 557a, Methyltransferase-like protein 21B, Protein-lysine methyltransferase METTL21B, eEF1A-KMT3, EEF1AKMT3 (HGNC:24936)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	EEF1AKMT3 (HGNC:24936)
Function	Protein-lysine methyltransferase that selectively mono-, di- and trimethylates 'Lys-165' of the translation elongation factors EEF1A1 and EEF1A2 in an aminoacyl-tRNA and GTP-dependent manner. EEF1A1 methylation by EEF1AKMT3 is dynamic as well as inducible by stress

conditions, such as ER-stress, and plays a regulatory role on mRNA translation.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.