

For Research Use Only

METTL10 Polyclonal antibody, PBS Only

Catalog Number: 33763-1-PBS



Basic Information

Catalog Number:

33763-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37000

GenBank Accession Number:

BC026167

GeneID (NCBI):

399818

UNIPROT ID:

Q5JPI9

Full Name:

methyltransferase like 10

Observed MW:

26 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Methyltransferase-like 10 (METTL10) is a lysine trimethyltransferase targeting eukaryotic translation elongation factor 1A1 (eEF1A1), which is well preserved from simple eukaryotes such as *Saccharomyces cerevisiae* to mammals such as humans and mice. Recently, METTL10 was identified as an estimated glomerular filtration rate (eGFR)-associated gene through a transethnic genome-wide association study of eGFR. (PMID: 39774961)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

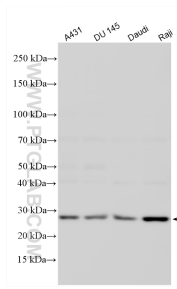
T: 4006900926

E: Proteintech-CN@ptglab.com

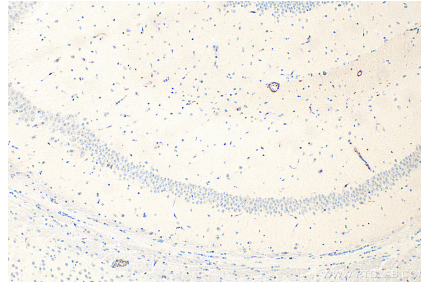
W: ptgcn.com

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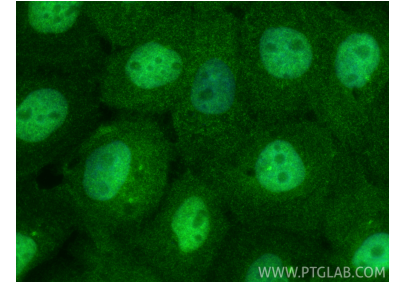
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33763-1-AP (METTL10 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33763-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 33763-1-AP (METTL10 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33763-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using METTL10 antibody (33763-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 33763-1-PBS in a different storage buffer formulation.