

METTL7A Polyclonal Antibody

Catalog Number:E-AB-62404



Note: Centrifuge before opening to ensure complete recovery of vial contents.

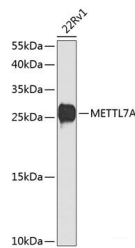
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human METTL7A (NP_054752.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

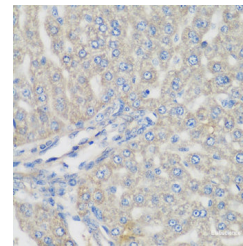
WB	1:500-1:2000
IHC	1:50-1:200

Data

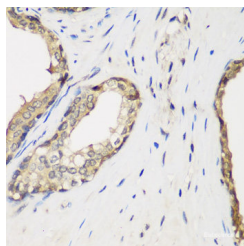


Western blot analysis of extracts of 22Rv1 cells using METTL7A Polyclonal Antibody at dilution of 1:1000.

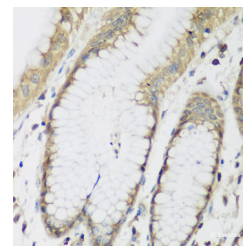
Observed Mw:28kDa
Calculated Mw:28kDa



Immunohistochemistry of paraffin-embedded Rat liver using METTL7A Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human prostate using METTL7A Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using METTL7A Polyclonal Antibody at dilution of 1:200 (40x lens).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

METTL7A (methyltransferase like 7A), also known as AAM-B, is a 244 amino acid protein that is thought to function as a methyltransferase and is encoded by a gene which maps to chromosome 12. Encoding over 1,100 genes, chromosome

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12 comprises nearly 4.5% of the human genome and is associated with a number of skeletal deformities, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Chromosome 12 is also home to both a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and a natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Additionally, Trisomy 12p (three copies of the p arm of chromosome 12) leads to facial developmental defects, seizure disorders and a host of other symptoms varying in severity depending on the extent of mosaicism.

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