

Product Datasheet

Methyltransferase like 3 Antibody - Azide and BSA Free H00056339-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 16

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Updated 9/9/2025 v.20.1

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H00056339-B01P**Methyltransferase like 3 Antibody - Azide and BSA Free**

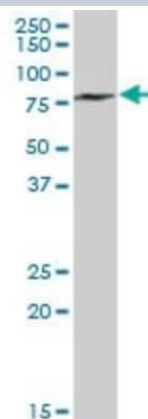
| Product Information | |
|----------------------------|--|
| Unit Size | 0.05 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.4) |

| Product Description | |
|--------------------------------|---|
| Description | Novus Biologicals Mouse Methyltransferase like 3 Antibody - Azide and BSA Free (H00056339-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Methyltransferase like 3 Antibody: Cited in 16 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 56339 |
| Gene Symbol | METTL3 |
| Species | Human, Mouse, Monkey |
| Specificity/Sensitivity | NM_019852.3 |
| Immunogen | METTL3 (NP_062826.2, 1 a.a. - 580 a.a.) full-length human protein. MSDTWSSIQAHKKQLDSLRLRERLQRRRKQDSGHLDLRNPEAALSPTFRSDSPV PTAPTSGGPKPSTASAVPELATDPELEKLLHHLSDLALTLPTDAVSICLAISTPD APATQDGVESLLQKFAAQELIEVKRGLLQDDAHPTLVTYADHSKLSAMMGAVA EKKGPGEVAGVTGQKRRAEQDSTTVAAFASSLVSGLNSSASEPAKEPAKKS RKHAASDVDLEIESLLNQQSTKEQQSKKVSQEILELLNTTTAKEQSIVEKFRSRG RAQVQEFCDYGTKEECMKASDADRPCRKLHFRRIINKHTDESLGDCSFLNTCF HMDTCKYVHYEIDACMDSEAPGSKDHTPSQELALTQSVGGDSSADRLFPPQW ICCDIRYLDVSILGKFAVVMADPPWDIHMELPYGTLTDDDEMRRLNIPVLQDDGFL FLWVTGRAMELGRECLNLWGYERVDEIIWVKTNQLQRIIRTGRTGHWLNHGKE HCLVGVKGNPQGFNQGLDCDVIVAEVRSTSHKPDEIYGMIERLSPGTRKIELFG RPHNVQPNWITLGNQLDGIHLLDPDVARFKQRYPDGIISKPNL |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |

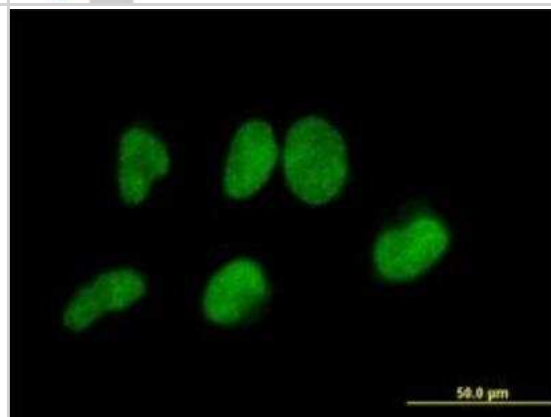
| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 10 ug/ml |
| Application Notes | Antibody reactive against mammalian transfected lysate. |

Images

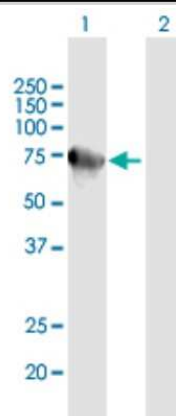
Western Blot: Methyltransferase like 3 Antibody [H00056339-B01P] - Analysis of METTL3 expression in human colon.



Immunocytochemistry/Immunofluorescence: Methyltransferase like 3 Antibody [H00056339-B01P] - purified antibody to METTL3 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot: Methyltransferase like 3 Antibody [H00056339-B01P] - Analysis of METTL3 expression in transfected 293T cell line by METTL3 polyclonal antibody. Lane 1: METTL3 transfected lysate(63.8 KDa). Lane 2: Non-transfected lysate.



Publications

Douglas M. McLaurin, Sara K. Tucker, Michael D. Hebert Coilin mediates m6A RNA methylation through phosphorylation of METTL3 *Biology Open* 2023-12-15 [PMID: 38050869]

Abhirami V, Vikas P, Shibla A et al. N6-Methyladenosine Landscape of Glioma Stem-Like Cells: METTL3 Is Essential for the Expression of Actively Transcribed Genes and Sustenance of the Oncogenic Signaling. *Genes (Basel)*. 2019-02-13 [PMID: 30781903]

Tsai K, Courtney D, Cullen B et al. Addition of m6A to SV40 late mRNAs enhances viral structural gene expression and replication. *PLoS Pathog.* 2018-02-15 [PMID: 29447282]

Leiming D, Yuanhui M, Aidong Z et al. Relaxed initiation pausing of ribosomes drives oncogenic translation. *Sci Adv.* 2021-02-17 [PMID: 33597240]

Perez-Pepe, M;Desotell, AW;Li, H;Li, W;Han, B;Lin, Q;Klein, DE;Liu, Y;Goodarzi, H;Alarcón, CR; 7SK methylation by METTL3 promotes transcriptional activity *Science advances* 2023-05-10 [PMID: 37163588]

Mao Y, Dong L, Liu X et al. m6A in mRNA coding regions promotes translation via the RNA helicase-containing YTHDC2. *Nat Commun.* 2019-11-25 [PMID: 31767846]

Gokhale NS, McIntyre ABR, Mattocks MD et al. Altered m6A modification of specific cellular transcripts affects Flaviviridae infection *Mol Cell* 2019-12-08 [PMID: 31810760]

Merkurjev D, Hong WT, Iida K et al. Synaptic N6-methyladenosine (m6A) epitranscriptome reveals functional partitioning of localized transcripts. *Nat Neurosci* 2018-06-27 [PMID: 29950670]

Chang M, Lv H, Zhang W et al. Region-specific RNA m6A methylation represents a new layer of control in the gene regulatory network in the mouse brain. *Open Biol* 2017-09-20 [PMID: 28931651]

Guan BJ, van Hoef V, Jobava R et al. A Unique ISR Program Determines Cellular Responses to Chronic Stress. *Mol Cell* 2017-12-07 [PMID: 29220654]

Kobayashi M, Ohsugi M, Sasako T et al. The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. *Mol Cell Biol* 2018-06-04 [PMID: 29866655]

Yu J, Li Y, Wang T, Zhong X. Modification of N6-methyladenosine RNA methylation on heat shock protein expression *PLoS ONE* 2018-06-14 [PMID: 29902206] (WB, Human)

More publications at <http://www.novusbio.com/H00056339-B01P>



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Products Related to H00056339-B01P

| | |
|----------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97019-5mg | Mouse IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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