

Product Datasheet

Methyltransferase like 3 Antibody - Azide and BSA Free NBP3-03290-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-03290-100ul

Methyltransferase like 3 Antibody - Azide and BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS with 50% glycerol, pH7.3.

Product Description

Host	Rabbit
Gene ID	56339
Gene Symbol	METTL3
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-156 of human Methyltransferase like 3 (NP_062826.2). MSDTWSSIQAHHKQLDSLRLRERLQRRRKQDSGHLDLRNPEAALSPTFRSDSPV PTAPTSGGPKPSTASAVPELATDPELEKKLLHHLSDLALTLPTDAVSICLAISTPD APATQDGVESLLQKFAAQELIEVKRGLLQDDAHPTLVTYADHSKLSAM

Product Application Details

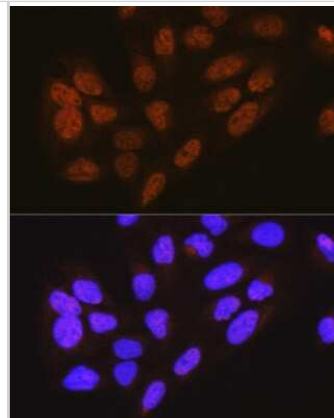
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

Western Blot: Methyltransferase like 3 Antibody [NBP3-03290] - Analysis of various lysates, using METTL3 antibody at 1:1325 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



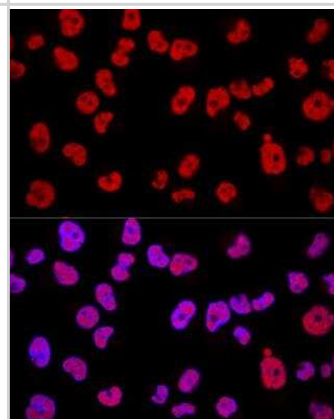
Immunocytochemistry/Immunofluorescence: Methyltransferase like 3 Antibody [NBP3-03290] - Immunofluorescence analysis of U-2 OS cells using Methyltransferase like 3 Rabbit pAb (NBP3-03290) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



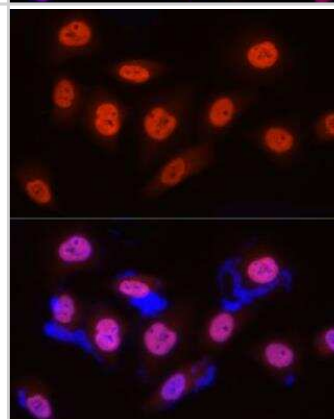
Immunohistochemistry-Paraffin: Methyltransferase like 3 Antibody [NBP3-03290] - Mouse testis using METTL3 Rabbit pAb at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



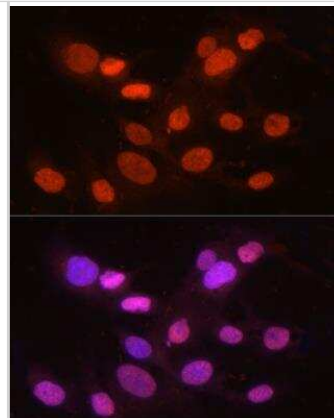
Immunocytochemistry/Immunofluorescence: Methyltransferase like 3 Antibody [NBP3-03290] - Analysis of Hela cells using METTL3 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunocytochemistry/Immunofluorescence: Methyltransferase like 3 Antibody [NBP3-03290] - Analysis of PC-3 cells using METTL3 Rabbit pAb at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunocytochemistry/Immunofluorescence: Methyltransferase like 3 Antibody [NBP3-03290] - Analysis of HepG2 cells using METTL3 Rabbit pAb at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry-Paraffin: Methyltransferase like 3 Antibody [NBP3-03290] - Human lung cancer using METTL3 Rabbit pAb at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Publications

Lv D, Zhong C, Dixit D et al. EGFR promotes ALKBH5 nuclear retention to attenuate N6-methyladenosine and protect against ferroptosis in glioblastoma Molecular cell 2023-11-08 [PMID: 37979586]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-03290-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00056339-P01-10ug	Recombinant Human Methyltransferase like 3 GST (N-Term) Protein

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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