

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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Publications: 1

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Updated 2/17/2026 v.20.1

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NBP3-03290-100ul

Methyltransferase like 3 Antibody - Azide and BSA Free

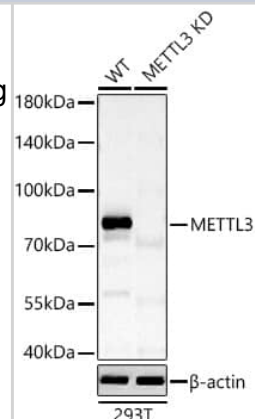
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	64 kDa

Product Description	
Description	Novus Biologicals Rabbit Methyltransferase like 3 Antibody - Azide and BSA Free (NBP3-03290) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Methyltransferase like 3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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). MSDTWSSIQAHKKQLDSLRLRERLQRRRKQDSGHLDLRNPEAALSPTFRSDSPV PTAPTSGGPKPSTASAVPELATDPELEKLLHHLSDLALTLPTDAVSICLAISTPD APATQDGVESLLQKFAAQELIEVKRGLLQDDAHPTLVTYADHSKLSAM

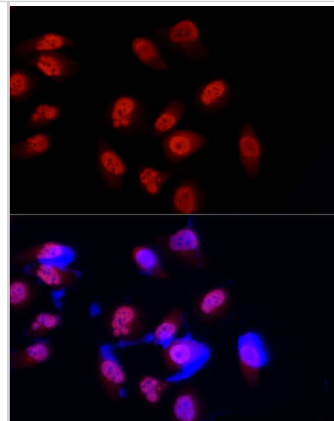
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. , Immunohistochemistry 1:50-1:200, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

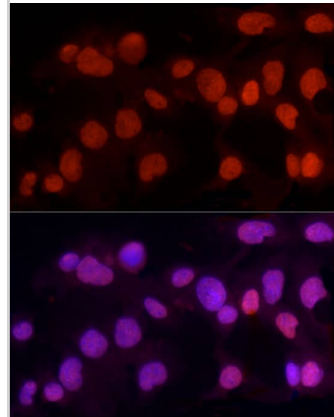
Western Blot: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Western blot analysis of lysates from wild type (WT) and Methyltransferase like 3 knockdown (KD) 293T cells using Methyltransferase like 3 Rabbit pAb at 1:1000 dilution incubated overnight at 4C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25 ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 30s.



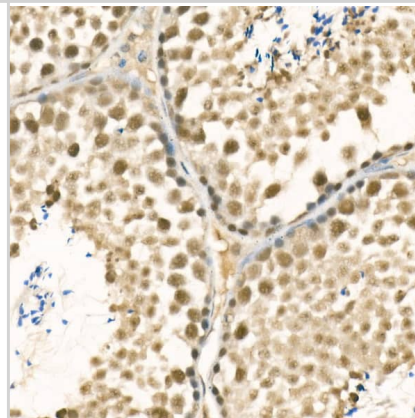
Immunocytochemistry/ Immunofluorescence: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Immunofluorescence analysis of PC-3 cells using Methyltransferase like 3 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Immunofluorescence analysis of HepG2 cells using Methyltransferase like 3 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Immunohistochemistry analysis of paraffin-embedded Mouse testis using Methyltransferase like 3 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western Blot: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Western blot analysis of various lysates using Methyltransferase like 3 Rabbit pAb at 1:1000 dilution incubated overnight at 4C.

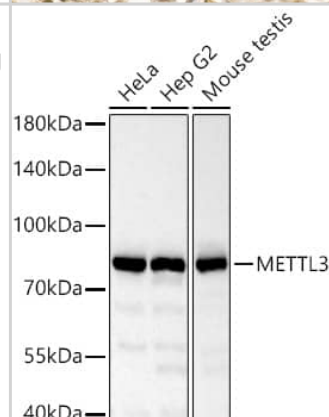
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

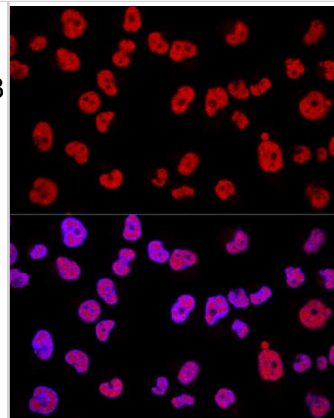
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

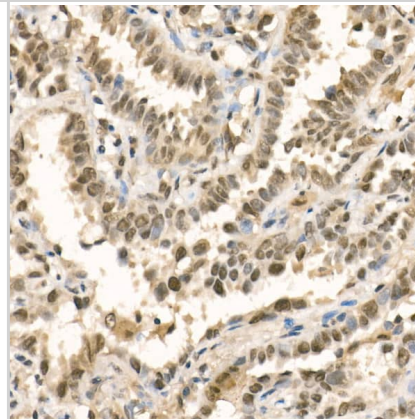
Exposure time: 30s.



Immunocytochemistry/ Immunofluorescence: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Confocal immunofluorescence analysis of Hela cells using Methyltransferase like 3 Rabbit pAb at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunohistochemistry: Methyltransferase like 3 Antibody - Azide and BSA Free [Methyltransferase like 3] - Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Methyltransferase like 3 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



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]



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Products Related to NBP3-03290-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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