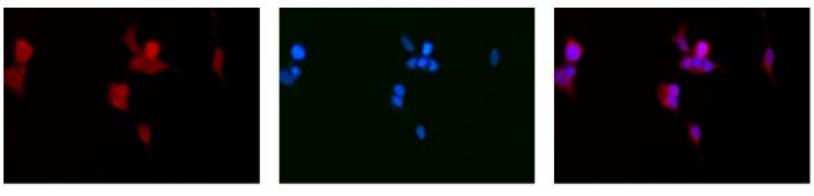
PRODUCT DATA SHEET

METTL3 (PT0175R) PT™ Rabbit mAb

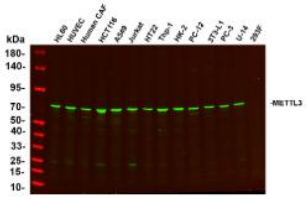
Catalog No.	IMB3569
Reactivity	Human, Mouse, Rat
Applications	WB, IHC, IF, IP, ELISA
Dilution	IHC 1:200-400; WB 1:1000-5000; IF 1:200-1000; ELISA 1:5000-20000; IP 1:50-200
Gene Name	METTL3 MTA70
Protein Name	N6-adenosine-methyltransferase 70 kDa subunit (MT-A70) (Methyltransferase-like protein 3)
Human Gene Id	56339
Swiss-Prot	Q86U44
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Rabbit
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Concentration	0.2mg/ml
Storage&Stability	-15°C to -25°C/1 year (Do not lower than -25°C)
Subcellular Location	Nucleus
MW	64kD (Calculated) 70kD (Observed)
Background	This gene encodes the 70 kDa subunit of MT-A which is part of N6-adenosine-methyltransferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs , forming N6-methyladenosine. [provided by RefSeq , Jul 2008]

Products Images:



Immunofluorescence analysis of HEK293. Picture A:METTL3 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

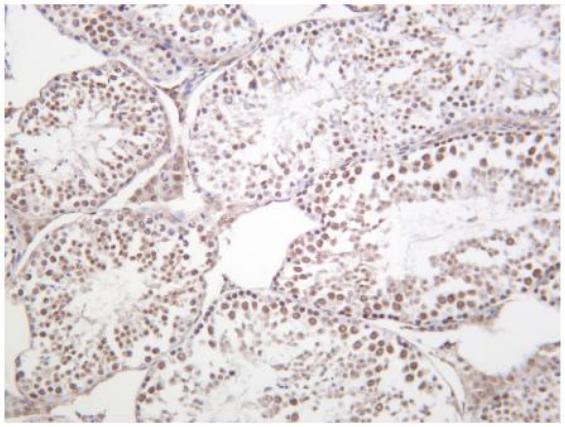
PRODUCT DATA SHEET



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C over night with a 1:2500 dilution . The Dilight 800-conjugated Goat anti-Rabbit antibody ( ) was used to detect the antibody.

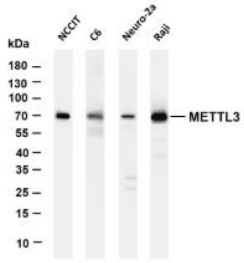
Lane1: HL60 - Human promyelocytic leukemia cell
Lane2: HUVEC - Human umbilical vein endothelial cell
Lane3: Human CAF - Human cancer-associated fibroblast
Lane4: HCT116 - Human colorectal carcinoma
Lane5: A549 - Human lung carcinoma
Lane6: Jurkat - Human T lymphocyte leukemia
Lane7: HT22 - Mouse hippocampal neuronal
Lane8: Thp-1 - Human monocytic leukemia
Lane9: HK-2 - Human proximal tubular epithelial
Lane10: PC-12 - Rat adrenal pheochromocytoma
Lane11: 3T3-L1 - Mouse embryonic fibroblast
Lane12: PC-3 - Human prostate adenocarcinoma
Lane13: U-14 - Mouse cervical carcinoma
Lane14: 293F - HEK293 derivative, adapted for suspension culture

Predicted band size: 64kDa
Observed band size: 70kDa



Mouse testis was stained with Anti-METTL3 rabbit antibody

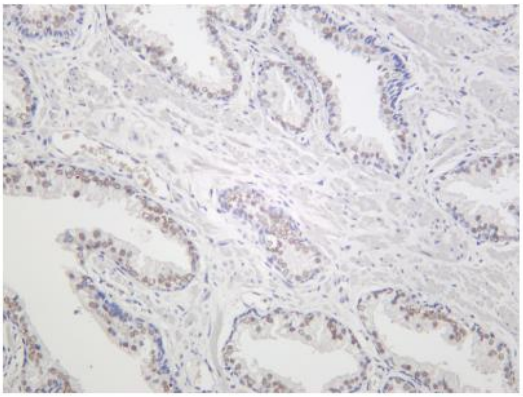
PRODUCT DATA SHEET



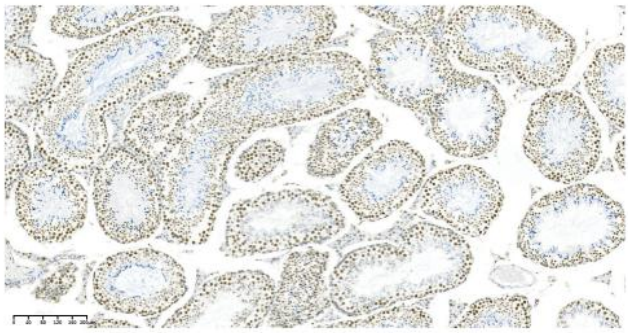
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-METTL3 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: NCCIT
Lane 2: C6
Lane 3: Neuro-2a
Lane 4: Raji

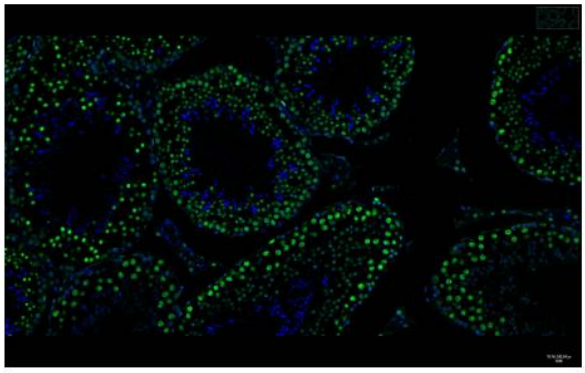
Predicted band size: 64kDa
Observed band size: 70kDa



Human prostate cancer was stained with Anti-METTL3 rabbit antibody



Mouse testicles was stained with anti-METTL3 Rabbit antibody



Mouse testicles was stained with anti-METTL3 Rabbit antibody