



METTL1 rabbit pAb

货号	YP-Ab-18094
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	METTL1
基因名称	METTL1 C12orf1
蛋白名称	tRNA (guanine-N(7)-)-methyltransferase (EC 2.1.1.33) (Methyltransferase-like protein 1) (tRNA (guanine(46)-N(7))-methyltransferase) (tRNA(m7G46)-methyltransferase)
免疫原	Synthesized peptide derived from human METTL1
特异性	This antibody detects endogenous levels of METTL1 at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	30kD
功能	Methyltransferase that mediates the formation of N(7)-methylguanine in a subset of RNA species, such as tRNAs, mRNAs and microRNAs (miRNAs) . Catalyzes the formation of N(7)-methylguanine at position 46 (m7G46) in tRNA . Also acts as a methyltransferase for a subset of internal N(7)-methylguanine in mRNAs . Internal N(7)-methylguanine methylation of mRNAs regulates translation . Also methylates a specific subset of miRNAs, such as let-7 . N(7)-methylguanine methylation of let-7 miRNA promotes let-7 miRNA processing by disrupting an inhibitory secondary structure within the primary miRNA transcript (pri-miRNA) . Acts as a regulator of embryonic stem cell self-renewal and differentiation (By similarity).
细胞定位	Nucleus .
组织表达	Ubiquitous.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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