

EMG1 antibody

Product Information

Catalog No.:	FNab02754
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

S-adenosyl-L-methionine-dependent pseudouridine N(1)-methyltransferase that methylates pseudouridine at position 1248(Psi1248) in 18S rRNA. Involved the biosynthesis of the hypermodified N1-methyl-N3-(3-amino-3-carboxypropyl) pseudouridine(m1acp3-Psi) conserved in eukaryotic 18S rRNA. Is not able to methylate uridine at this position(PubMed:20047967). Has also an essential role in 40S ribosomal subunit biogenesis independent on its methyltransferase activity, facilitating the incorporation of ribosomal protein S19 during the formation of pre-ribosomes(By similarity).

Immunogen information

Immunogen:	EMG1 nucleolar protein homolog
Synonyms:	Ribosomal RNA small subunit methyltransferase NEP1 18S rRNA (pseudouridine(1248)-N1)-methyltransferase 18S rRNA Psi1248 methyltransferase Nucleolar protein EMG1 homolog Protein C2f Ribosome biogenesis protein NEP1 EMG1 C2F
Observed MW:	27 kDa
Uniprot ID :	Q92979

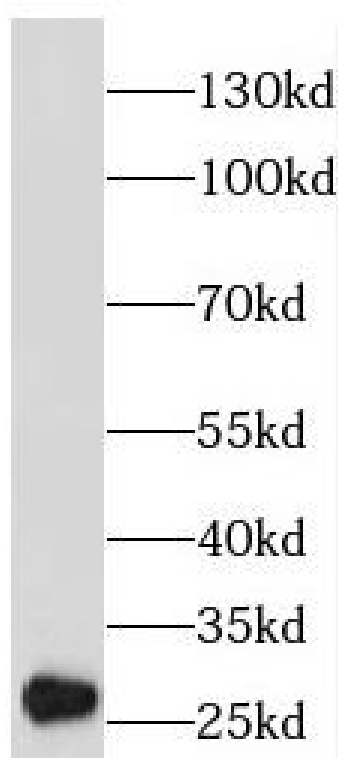
Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:20-1:200

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab02754(EMG1 antibody) at dilution of 1:400