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Datasheet for ABIN7113791 anti-EMG1 antibody



Overview	
Quantity:	100 µg
Target:	EMG1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EMG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)
Product Details	
Immunogen:	EMG1 nucleolar protein homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE
Target Details	
Target:	EMG1
Alternative Name:	EMG1 (EMG1 Products)
Background:	Synonyms:C2F 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)

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pseudouridine(m1acp3-Psi) conserved in eukaryotic 18S rRNA. Is not able to methylate uridine

Target Details	
	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).
Molecular Weight:	27 kDa
Gene ID:	10436
UniProt:	Q92979
Application Details	
Application Notes:	WB: 1:500-1:2000, IF: 1:20-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months