

Datasheet for ABIN6143737
anti-MEPCE antibody (AA 470-689)



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Overview

Quantity:	100 µL
Target:	MEPCE
Binding Specificity:	AA 470-689
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEPCE antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 470-689 of human MEPCE (NP_062552.2).
Sequence:	MVGLDIDSRL IHSARQNI RH YLSEELRLPP QTLEGDPGAE GEEGTTTVRK RSCFPASLTA SRGPIAAPQV PLDGADTSVF PNNVVFVTGN YVLD RDDLVE AQTPEYDVVL CLSLTKWVHL NWGDEGLKRM FRRIYRHLRP GGILVLEPQP WSSYGKRKTL TETIYKNYYR IQLKPEQFSS YLTSPDVGFS SYELVATPHN TSKGFQRPVY LFHKARSPSH
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MEPCE
Alternative Name:	MEPCE (MEPCE Products)
Background:	<p>S-adenosyl-L-methionine-dependent methyltransferase that adds a methylphosphate cap at the 5'-end of 7SK snRNA (7SK RNA, leading to stabilize it. Also has a non-enzymatic function as part of the 7SK RNP complex: the 7SK RNP complex sequesters the positive transcription elongation factor b (P-TEFb in a large inactive 7SK RNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. The 7SK RNP complex also promotes snRNA gene transcription by RNA polymerase II via interaction with the little elongation complex (LEC. In the 7SK RNP complex, MEPCE is required to stabilize 7SK RNA and facilitate the assembly of 7SK RNP complex. MEPCE has a non-enzymatic function in the 7SK RNP complex, interaction with LARP7 within the 7SK RNP complex occluding its catalytic center.,MEPCE,BCDIN3,Epigenetics & Nuclear Signaling,RNA Binding,MEPCE</p>
Molecular Weight:	24 kDa/74 kDa
Gene ID:	56257
UniProt:	Q7L2J0
Pathways:	Chromatin Binding , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.