

Rabbit MEPCE Polyclonal Antibody | anti-MEPCE antibody

MEPCE Antibody

CATALOG # AAA323118	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Zebrafish	APPLICATIONS Immunohistochemistry, Western Blot
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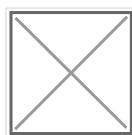
PRODUCT SYNONYMS

MEPCE; Polyclonal Antibody; MEPCE Antibody; 7SK snRNA methylphosphate capping enzyme; BCDIN3; Bicoid interacting protein 3 homolog; Bin3 bicoid interacting 3; Bin3 bicoid interacting 3 homolog (Drosophila); Bin3 bicoid interacting 3 homolog; Bin3 homolog; FLJ20257; MePCE; Methylphosphate capping enzyme; anti-MEPCE antibody

PRODUCT SPECIFICATIONS

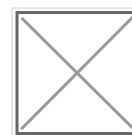
Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Isotype	IgG
Specificity	MEPCE antibody detects endogenous levels of MEPCE.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-MEPCE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MEPCE.
Tissue Specificity	Expressed in chronic myeloid leukemia cells, adrenal gland, brain, cerebellum, kidney, lung, mammary gland and testis. Weakly or not expressed in other tissues.
Predicted Cross Reactivity	Pig, Sheep, Rabbit, Dog
Similarity	Pig (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323118 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using MEPCE antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MEPCE antibody	Function: S-adenosyl-L-methionine-dependent methyltransferase that adds a methylphosphate cap at the 5'-end of 7SK snRNA, leading to stabilize it. Subunit Structure: Component of the 7SK snRNP complex at least composed of P-TEFb (composed of CDK9 and CCNT1/cyclin-T1), HEXIM1, HEXIM2, MEPCE/BCDIN3, SART3 proteins and 7SK and U6 snRNAs (PubMed:17643375, Ref. 23). Interacts with METTL16 (PubMed:29051200). Similarity: Belongs to the methyltransferase superfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	303521310
NCBI GeneID	56257
NCBI Accession #	NP_001181919.1
NCBI GenBank Nucleotide #	NM_001194990.1
UniProt Accession #	Q7L2J0; Q9NPD4; B3KP86; D6W5V7
Molecular Weight	Observed: 74 kDa Predicted: 75 kDa
NCBI Official Full Name	7SK snRNA methylphosphate capping enzyme isoform B
NCBI Official Synonym Full Names	methylphosphate capping enzyme
NCBI Official Symbol	MEPCE
NCBI Official Synonym Symbols	BCDIN3
NCBI Protein Information	7SK snRNA methylphosphate capping enzyme
UniProt Protein Name	7SK snRNA methylphosphate capping enzyme
UniProt Gene Name	MEPCE
UniProt Synonym Gene Names	BCDIN3; MePCE; Bin3 homolog

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mepce-antibody-immunohistochemistry-western-blot-elisa/323118>