

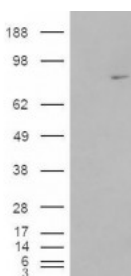


## MEPCE Antibody

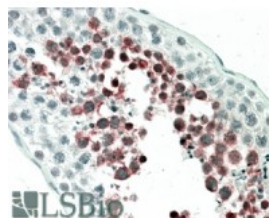
CATALOG NUMBER: 45-883



Western Blot (1ug/ml) staining of Rat Testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing MEPCE and probed with antibody (mock transfection in first lane).



Immunohistochemistry (5ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, IHC-P, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:2000. Western Blot: Approx. 75kDa band observed in Rat Testis lysates (calculated MW of 74.4kDa according to Human NP_062552.2 and 75.3kDa according to Rat XP_222048.4). In transfected HEK293 transiently expressing Human MEPCE a band of approx. 75kDa is observed. Immunohistochemistry: In paraffin embedded Human Testis shows staining of the spermatids. Recommended concentration, 5-10ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1476 - Rat Testis Tissue Lysate
<b>IMMUNOGEN:</b>	MEPCE antibody was raised against a 13 amino acid synthetic peptide near the internal region of MEPCE.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	MEPCE antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	MEPCE antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	MEPCE, methylphosphate capping enzyme, BCDIN3, FLJ20257, bin3, bicoid-interacting 3, homolog
<b>ACCESSION NO.:</b>	NP_062552.2
<b>PROTEIN GI NO.:</b>	47271406
<b>OFFICIAL SYMBOL:</b>	MEPCE

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**GENE ID:** 56257

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### Background

**REFERENCES:** 1) Jeronimo C, Forget D, Bouchard A, Li Q, Chua G, Poitras C, Therien C, Bergeron D, Bourassa S, Greenblatt J, Chabot B, Poirier GG, Hughes TR, Blanchette M, Price DH, Coulombe B. Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. Mol Cell. 2007 Jul 20;27(2):262-74.

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**FOR RESEARCH USE ONLY**

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