



HEXIM1 antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP11642c

Specification

HEXIM1 antibody (Center) Blocking peptide - Product Information

Primary Accession 094992

HEXIM1 antibody (Center) Blocking peptide - Additional Information

Gene ID 10614

Other Names

Protein HEXIM1, Cardiac lineage protein 1, Estrogen down-regulated gene 1 protein, Hexamethylene bis-acetamide-inducible protein 1, Menage a quatre protein 1, HEXIM1, CLP1, EDG1, HIS1, MAQ1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HEXIM1 antibody (Center) Blocking peptide - Protein Information

Name HEXIM1

Synonyms CLP1, EDG1, HIS1, MAQ1

Function

Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor (PubMed:14580347,

HEXIM1 antibody (Center) Blocking peptide - Background

Expression of this gene is induced byhexamethylene-bis-acetamide in vascular smooth muscle cells. Thisgene has no introns.

HEXIM1 antibody (Center) Blocking peptide - References

Dow, E.C., et al. J. Cell. Physiol. 224(1):84-93(2010)Ogba, N., et al. Oncogene 29(25):3639-3649(2010)Schonichen, A., et al. Biochemistry 49(14):3083-3091(2010)Czudnochowski, N., et al. J. Mol. Biol. 395(1):28-41(2010)Krueger, B.J., et al. PLoS ONE 5 (8), E12335 (2010):



PubMed:<a href="http://www.uniprot.org/ci tations/15713661"

target="_blank">15713661,

PubMed:<a href="http://www.uniprot.org/ci

tations/15201869"

target="_blank">15201869). Core component of the 7SK RNP complex: in cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation (PubMed:http://www.uniprot.org/citations/1283247

="http://www.uniprot.org/citations/12832472" target="_blank">12832472,

PubMed: <a href="http://www.uniprot.org/ci tations/14580347"

target="_blank">14580347,

PubMed:<a href="http://www.uniprot.org/ci tations/15713661"

target="_blank">15713661,

PubMed:<a href="http://www.uniprot.org/ci tations/15201869"

target="_blank">15201869). May also regulate NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity (PubMed:<a href="http://www.uniprot.org/c itations/15940264"

target=" blank">15940264,

PubMed:<a href="http://www.uniprot.org/ci tations/15941832"

target="_blank">15941832,

PubMed: <a href="http://www.uniprot.org/ci tations/17088550"

target="_blank">17088550). Plays a role in the regulation of DNA virus-mediated innate immune response by assembling into the HDP-RNP complex, a complex that serves as a platform for IRF3 phosphorylation and subsequent innate immune response activation through the cGAS-STING pathway (PubMed:28712728).

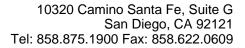
Cellular Location

Nucleus. Cytoplasm. Note=Binds alpha-importin and is mostly nuclear (PubMed:16362050)

Tissue Location

Ubiquitously expressed with higher expression in placenta. HEXIM1 and HEXIM2 are differentially expressed. Expressed in endocrine tissues.

HEXIM1 antibody (Center) Blocking





peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides