

MCRS1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16872a**Specification****MCRS1 Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [Q96EZ8](#)**MCRS1 Antibody (N-term) Blocking Peptide -
Additional Information**

Gene ID 10445

Other NamesMicrospherule protein 1, 58 kDa
microspherule protein, Cell cycle-regulated
factor p78, INO80 complex subunit J,
MCRS2, MCRS1, INO80Q, MSP58**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.**MCRS1 Antibody (N-term) Blocking Peptide -
Protein Information**

Name MCRS1

Synonyms INO80Q, MSP58

FunctionModulates the transcription repressor
activity of DAXX by recruiting it to the
nucleolus (PubMed: <a href="http://www.uni
prot.org/citations/11948183"
target="_blank">11948183). As part
of the NSL complex it may be involved in**MCRS1 Antibody (N-term) Blocking
Peptide - Background**MCRS1 modulates the transcription repressor
activity of DAXX by recruiting it to the
nucleolus. May be an inhibitor of TERT
telomerase activity.**MCRS1 Antibody (N-term) Blocking
Peptide - References**Lin, W., et al. J. Cell. Mol. Med. 13 (11-12),
4608-4622 (2009) :Shi, H., et al. Cancer Sci.
100(9):1585-1590(2009)Venkatesan, K., et al.
Nat. Methods 6(1):83-90(2009)Wu, J.L., et al.
BMC Cell Biol. 10, 9 (2009) :Ewing, R.M., et al.
Mol. Syst. Biol. 3, 89 (2007) :

acetylation of nucleosomal histone H4 on several lysine residues (PubMed:20018852). Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. May also be an inhibitor of TERT telomerase activity (PubMed:15044100). Binds to G-quadruplex structures in mRNA (PubMed:16571602). Binds to RNA homomer poly(G) and poly(U) (PubMed:16571602).

Cellular Location

Nucleus. Nucleus, nucleolus. Cytoplasm.
Note=In microspherules in the nucleolus

Tissue Location

Detected in testis, and at lower levels in spleen, thymus, prostate, uterus, small intestine, colon and leukocytes

MCRS1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)