10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MRGBP Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18098c

Specification

MRGBP Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9NV56

MRGBP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 55257

Other Names
MRG/MORF4L-binding protein, MRG-binding protein, Up-regulated in colon cancer 4, Urcc4, MRGBP, C20orf20

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.

MRGBP Antibody (Center) Blocking Peptide - Protein Information

Name MRGBP

Synonyms C20orf20

Function
Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.

Cellular Location
Nucleus.

MRGBP Antibody (Center) Blocking Peptide - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

- Blocking Peptides

MRGBP Antibody (Center) Blocking Peptide - Images

MRGBP Antibody (Center) Blocking Peptide - Background

Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome -DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.

MRGBP Antibody (Center) Blocking Peptide - References

Yamaguchi, K., et al. Br. J. Cancer 102(2):325-331(2010)Cai, Y., et al. J. Biol. Chem. 280(14):13665-13670(2005)Cai, Y., et al. J. Biol. Chem. 278(44):42733-42736(2003)Deloukas, P., et al. Nature 414(6866):865-871(2001)