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

MTBP Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6657b

Specification

MTBP Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96DY7

MTBP Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 27085

Other Names
Mdm2-binding protein, hMTBP, MTBP

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6657b was selected from the C-term region of human MTBP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

MTBP Antibody (C-term) Blocking Peptide - Protein Information

Name MTBP

Function
Inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells (By similarity). May play a role in MDM2- dependent p53/TP53 homeostasis in unstressed cells. Inhibits autoubiquitination of MDM2, thereby enhancing MDM2 stability. This promotes MDM2-mediated ubiquitination of p53/TP53 and its subsequent degradation.

MTBP Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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

MTBP Antibody (C-term) Blocking Peptide - Images

MTBP Antibody (C-term) Blocking Peptide - Background

MTBP inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells. The protein may play a role in MDM2-dependent TP53/p53 homeostasis in unstressed cells. The protein inhibits autoubiquitination of MDM2, thereby enhancing MDM2 stability. This promotes MDM2-mediated ubiquitination of TP53/p53 and its subsequent degradation.

MTBP Antibody (C-term) Blocking Peptide - References

Brady,M., Mol. Cell. Biol. 25 (2), 545-553 (2005)Boyd,M.T., J. Biol. Chem. 275 (41), 31883-31890 (2000)