

**MSI1 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21004a****Specification**

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**MSI1 Blocking Peptide (Center) - Product Information**

Primary Accession [O43347](#)  
Other Accession [O92006](#), [Q96DH6](#), [Q8K3P4](#), [Q61474](#)

**MSI1 Blocking Peptide (Center) - Additional Information**

**Gene ID** 4440

**Other Names**

RNA-binding protein Musashi homolog 1, Musashi-1, MSI1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 144-156 of HUMAN MSI1

**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.

**MSI1 Blocking Peptide (Center) - Protein Information**

**Name** MSI1

**Function**

RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU- 3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By similarity).

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q61474}. Nucleus {ECO:0000250|UniProtKB:Q61474}

**Tissue Location**

Detected in fetal kidney, brain, liver and lung, and in adult brain and pancreas. Detected in hepatoma cell lines

## **MSI1 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

## **MSI1 Blocking Peptide (Center) - Images**

## **MSI1 Blocking Peptide (Center) - Background**

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## **MSI1 Blocking Peptide (Center) - References**

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Okano H.,et al.J. Cell Sci. 115:1355-1359(2002).  
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).