

MSI1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11965a**Specification**

MSI1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [O43347](#)**MSI1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 4440**Other Names**

RNA-binding protein Musashi homolog 1, Musashi-1, 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 Antibody (N-term) Blocking peptide - 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 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MSI1 Antibody (N-term) Blocking peptide - Images**MSI1 Antibody (N-term) Blocking peptide - Background**

This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Expression of this gene has been correlated with the grade of the malignancy and proliferative activity in gliomas and melanomas. A pseudogene for this gene is located on chromosome 11q13.

MSI1 Antibody (N-term) Blocking peptide - References

Fan, L.F., et al. Int J Colorectal Dis 25(1):17-23(2010) de Sousa Abreu, R., et al. J. Biol. Chem. 284(18):12125-12135(2009) Murayama, M., et al. J. Gastroenterol. 44(3):173-182(2009) Gotte, M., et al. J. Pathol. 215(3):317-329(2008) Sanchez-Diaz, P.C., et al. BMC Cancer 8, 280 (2008) :