

**SFMBT1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18430a****Specification**

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**SFMBT1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9UHJ3](#)**SFMBT1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51460**Other Names**

Scm-like with four MBT domains protein 1, hSFMBT, Renal ubiquitous protein 1, SFMBT1, RU1

**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.

**SFMBT1 Antibody (N-term) Blocking Peptide - Protein Information****Name** SFMBT1**Synonyms** RU1**Function**

Histone-binding protein, which is part of various corepressor complexes. Mediates the recruitment of corepressor complexes to target genes, followed by chromatin compaction and repression of transcription. Plays a role during myogenesis: required for the maintenance of undifferentiated states of myogenic progenitor cells via interaction with MYOD1. Interaction with MYOD1 leads to the recruitment of associated corepressors and silencing of MYOD1 target genes. Part of the SLC complex in germ cells, where it may play a role during spermatogenesis.

**Cellular Location**

Nucleus.

**Tissue Location**

Expressed in all cell lines and normal tissues tested, including the thymus.

**SFMBT1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **SFMBT1 Antibody (N-term) Blocking Peptide - Images**

#### **SFMBT1 Antibody (N-term) Blocking Peptide - Background**

This gene shares high similarity with the Drosophila Scm(sex comb on midleg) gene. It encodes a protein which contains four malignant brain tumor repeat (mbt) domains and may be involved in antigen recognition. Several alternative splice variants that encode the same protein have been characterized. [provided by RefSeq].

#### **SFMBT1 Antibody (N-term) Blocking Peptide - References**

Wu, S., et al. FEBS Lett. 581(17):3289-3296(2007)