

**SFMBT1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57621**

## Specification

---

### SFMBT1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">O9UHJ3</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	98141

### SFMBT1 Polyclonal Antibody - Additional Information

**Gene ID** 51460

#### Other Names

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

#### Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### SFMBT1 Polyclonal Antibody - 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 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **SFMBT1 Polyclonal Antibody - Images**