

SFMBT1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57621

Product Information

Application IHC-P, IHC-F, IF, ICC

Primary Accession
Reactivity
Rat
Host
Clonality
Polyclonal
Calculated MW
Polyclonal

Additional Information

Gene ID 51460

Other Names Scm-like with four MBT domains protein 1, hSFMBT, Renal ubiquitous protein

1, SFMBT1, RU1

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.