10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SFMBT1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57621

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9UHJ3
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	98141

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'.