

SERCA1 ATPase Rabbit mAb
Catalog # AP78397**Specification****SERCA1 ATPase Rabbit mAb - Product Information**

Application	WB
Primary Accession	O14983
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	110252

SERCA1 ATPase Rabbit mAb - Additional Information

Gene ID 487

Other Names

ATP2A1

Dilution

WB~~1/500-1/1000

Format

Liquid

SERCA1 ATPase Rabbit mAb - Protein InformationName ATP2A1 ([HGNC:811](#))**Function**

Key regulator of striated muscle performance by acting as the major Ca(2+) ATPase responsible for the reuptake of cytosolic Ca(2+) into the sarcoplasmic reticulum. Catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen (By similarity). Contributes to calcium sequestration involved in muscular excitation/contraction (PubMed:10914677).

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P04191}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P04191}. Sarcoplasmic reticulum membrane {ECO:0000250|UniProtKB:P04191}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P04191}

Tissue Location

Skeletal muscle, fast twitch muscle (type II) fibers.

SERCA1 ATPase Rabbit mAb - 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](#)

SERCA1 ATPase Rabbit mAb - Images

