

SRP72 Rabbit mAb
Catalog # AP76118**Specification**

SRP72 Rabbit mAb - Product Information

Application	WB
Primary Accession	O76094
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	74606

SRP72 Rabbit mAb - Additional Information**Gene ID** 6731**Other Names**

SRP72

Dilution

WB~~1/500-1/1000

Format

Liquid

SRP72 Rabbit mAb - Protein Information**Name** SRP72**Function**

Component of the signal recognition particle (SRP) complex, a ribonucleoprotein complex that mediates the cotranslational targeting of secretory and membrane proteins to the endoplasmic reticulum (ER) (PubMed: [34020957](http://www.uniprot.org/citations/34020957)). The SRP complex interacts with the signal sequence in nascent secretory and membrane proteins and directs them to the membrane of the ER (PubMed: [34020957](http://www.uniprot.org/citations/34020957)). The SRP complex targets the ribosome-nascent chain complex to the SRP receptor (SR), which is anchored in the ER, where SR compaction and GTPase rearrangement drive cotranslational protein translocation into the ER (PubMed: [34020957](http://www.uniprot.org/citations/34020957)). Binds the signal recognition particle RNA (7SL RNA) in presence of SRP68 (PubMed: [21073748](http://www.uniprot.org/citations/21073748), PubMed: [27899666](http://www.uniprot.org/citations/27899666)). Can bind 7SL RNA with low affinity (PubMed: [21073748](http://www.uniprot.org/citations/21073748), PubMed: [27899666](http://www.uniprot.org/citations/27899666)). The SRP complex possibly participates in the elongation arrest function (By similarity).

Cellular Location

Cytoplasm. Endoplasmic reticulum

SRP72 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](#)

SRP72 Rabbit mAb - Images

