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SRP72 Rabbit mAb

Catalog # AP76118

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	O76094
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	74606

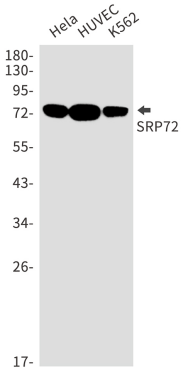
Additional Information

Gene ID	6731
Other Names	SRP72
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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). 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). 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). Binds the signal recognition particle RNA (7SL RNA) in presence of SRP68 (PubMed:21073748, PubMed:27899666). Can bind 7SL RNA with low affinity (PubMed:21073748, PubMed:27899666). The SRP complex possibly participates in the elongation arrest function (By similarity).
Cellular Location	Cytoplasm. Endoplasmic reticulum

Images



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