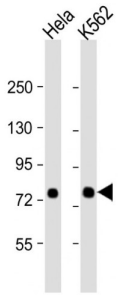
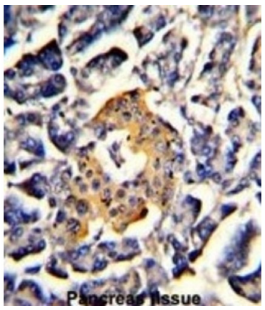
Signal Recognition Particle Subunit SRP72 (SRP72) Antibody

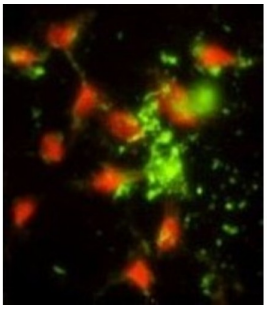
Catalogue No.:abx033063



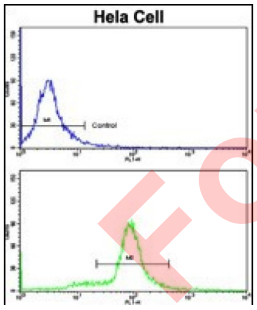
WB analysis of (1) HeLa, and (2) K562 whole cell lysates, using SRP72 antibody (1/1000 dilution). Blocking/Dilution buffer: 5% NFDM/TBST. Calculated MW: 75 kDa.



IHC-P analysis of human pancreas tissue, with DAB staining.



IF analysis of HeLa cells, using SRP72 antibody (0.025 mg/ml) and FITC-conjugated goat anti-rabbit IgG. PI was used for red counterstaining.



Flow cytometry analysis of HeLa cells (green) compared to a negative control cell (blue), using SRP72 antibody and FITC-conjugated goat anti-rabbit secondary antibody.

Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. It binds the 7S RNA only in presence of SRP68. This ribonucleoprotein complex might interact directly with the docking protein in the ER membrane and possibly participate in the elongation arrest function.

Target:	Signal Recognition Particle Subunit SRP72 (SRP72)
Clonality:	Polyclonal

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Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100, IF/ICC: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 119-148 amino acids from the Central region of human SRP72.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O76094 (UniProt, ExPASy)
Gene Symbol:	SRP72
GeneID:	6731
KEGG:	hsa:6731
String:	9606.ENSP00000342181
Molecular Weight:	Calculated MW: 74.6 kDa
Buffer:	PBS containing 0.09% sodium azide.
Concentration:	0.5 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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