

RPS23 Antibody

Catalog No: #34336

Package Size: #34336-1 50ul #34336-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

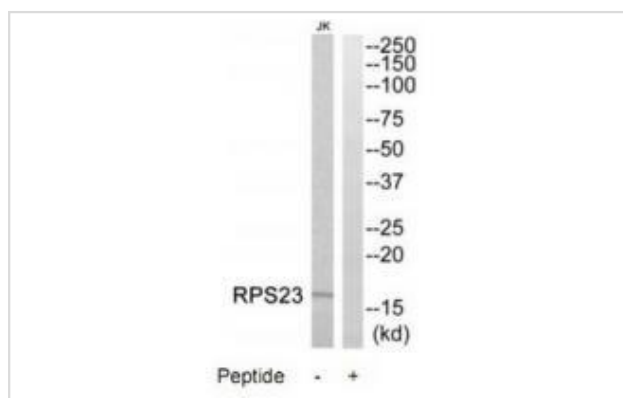
Description

Product Name	RPS23 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RPS23 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human RPS23.
Conjugates	Unconjugated
Target Name	RPS23
Other Names	40S ribosomal protein S23; RS23;
Accession No.	Swiss-Prot: P62266NCBI Gene ID: 6228
SDS-PAGE MW	16kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using RPS23 antibody #34336.

Background

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12P family of ribosomal proteins. It is located in the cytoplasm. The protein shares significant amino acid similarity with *S. cerevisiae* ribosomal protein S28. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Hori N., *Nucleic Acids Res.* 21:4394-4394(1993).

Ebert L., Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Vladimirov S.N., *Eur. J. Biochem.* 239:144-149(1996).

Published Papers

et al., The translational landscape of human vascular smooth muscle cells identifies novel short open reading frame-encoded peptide regulators for phenotype alteration *In Cardiovasc Res* On 2023 Jul 6 by Kang Li , Bin Li et al.. PMID:36943764, , (2023)

[PMID:36943764](#)

Youchen Yan; Rong Tang; Bin Li; Liangping Cheng; Shangmei Ye; Tiqun Yang; YanChuang Han; Chen Liu; Yugang Dong; LiangHu Qu; Kathy O.

Lui; JianHua Yang; ZhanPeng Huang et al., The cardiac translational landscape reveals that micropeptides are new players involved in cardiomyocyte hypertrophy, , (2021)

[PMID:33677093](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.