

RPS25 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP9713a

Product Information

Application WB, E Primary Accession P62851

Other Accession P62853, P62852, Q56|X5, NP 001019

Reactivity Human

Predicted Bovine, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 13742
Antigen Region 1-30

Additional Information

Gene ID 6230

Other Names 40S ribosomal protein S25, RPS25

Target/Specificity This RPS25 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 1-30 amino acids from the N-terminal

region of human RPS25.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions RPS25 Antibody (N-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name RPS25

Function Component of the small ribosomal subunit (PubMed: <u>23636399</u>). The

ribosome is a large ribonucleoprotein complex responsible for the synthesis

of proteins in the cell (PubMed:23636399).

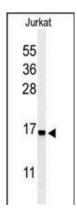
Background

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 S25E family of ribosomal proteins. It is located in the cytoplasm.

References

Stelzl, U., et al. Cell 122(6):957-968(2005) Yu, Y., et al. Protein Sci. 14(6):1438-1446(2005) Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)

Images



Western blot analysis of RPS25 Antibody (N-term) (Cat. #AP9713a) in Jurkat cell line lysates (35ug/lane). RPS25 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.