

# RPS25 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9713a

## Product Information

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|-------------------|------------------------------------------------------------------------------------------------------|
| Application       | WB, E                                                                                                |
| Primary Accession | <a href="#">P62851</a>                                                                               |
| Other Accession   | <a href="#">P62853</a> , <a href="#">P62852</a> , <a href="#">Q56JX5</a> , <a href="#">NP_001019</a> |
| Reactivity        | Human                                                                                                |
| Predicted         | Bovine, Mouse, Rat                                                                                   |
| Host              | Rabbit                                                                                               |
| Clonality         | Polyclonal                                                                                           |
| Isotype           | Rabbit IgG                                                                                           |
| Calculated MW     | 13742                                                                                                |
| Antigen Region    | 1-30                                                                                                 |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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| Name     | RPS25                                                                                                                                                                                                                      |
| Function | Component of the small ribosomal subunit (PubMed: <a href="#">23636399</a> ). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: <a href="#">23636399</a> ). |

## Background

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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

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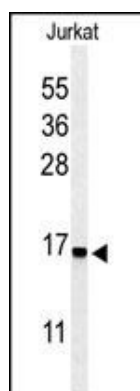
Stelzl, U., et al. Cell 122(6):957-968(2005)

Yu, Y., et al. Protein Sci. 14(6):1438-1446(2005)

Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)

## Images

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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'.