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# Anti-RPS8 / Ribosomal Protein S8 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17422

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IP |
| **Primary Accession** | P62241 |
| **Predicted** | Human, Mouse, Rat, Monkey, Chicken, Sheep, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 24205 |
| **Concentration (mg/ml)** | 1 mg/ml |

## Additional Information

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|---|---|
| **Gene ID** | 6202 |
| **Alias Symbol** | RPS8 |
| **Other Names** | RPS8, 40S ribosomal protein S8, OK/SW-cl.83, S8, Ribosomal protein S8 |
| **Target/Specificity** | Recognizes endogenous levels of RPS8 protein. |
| **Reconstitution & Storage** | PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles. |
| **Precautions** | Anti-RPS8 / Ribosomal Protein S8 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | RPS8 ( HGNC:10441) |
| **Function** | Component of the small ribosomal subunit (PubMed: 23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797). |
| **Cellular Location** | Cytoplasm. Membrane; Lipid-anchor. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs. |

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