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Anti-RPS8 / Ribosomal Protein S8 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17422

Product Information

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

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

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.