



Anti-RPS23 (aa 44-143) polyclonal antibody (DPAB-DC2755)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 <i>S. cerevisiae</i> ribosomal protein S28. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPS23 (NP_001016, 44 a.a. ~ 143 a.a) partial recombinant protein with GST tag. The sequence is ASHAKGIVLEKVGVEAKQPNSAIRKCVRVQLIKNGKKITAFVPNDGCLNFIEENDEVLVA GFGRKGHAVGDI PGVRFKVVKVANVSL ALYKGKKERPRS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RPS23 ribosomal protein S23 [Homo sapiens (human)]
Official Symbol	RPS23
Synonyms	RPS23; ribosomal protein S23; S23; 40S ribosomal protein S23; homolog of yeast ribosomal protein S28;
Entrez Gene ID	6228
Protein Refseq	NP_001016
UniProt ID	A8K517
Chromosome Location	5q14.2
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S; Cytoplasmic Ribosomal Proteins; Eukaryotic Translation Elongation; Eukaryotic Translation Termination
Function	poly(A) RNA binding; protein binding; structural constituent of ribosome;
