



Anti-RPS7 (aa 95-194) polyclonal antibody (DPAB-DC2746)

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 S7E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPS7 (NP_001002, 95 a.a. ~ 194 a.a) partial recombinant protein with GST tag. The sequence is IAQRRILPKPTRKSRTKNKQKRPRSRTLTAVHDAILEDLVFPSEIVGKRIRVKLDGSRLI KVHLDKAQQNNVEHKVETFSGVYKKLTGKDVNFEFPEFQL
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
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	RPS7 ribosomal protein S7 [Homo sapiens (human)]
Official Symbol	RPS7
Synonyms	RPS7; ribosomal protein S7; S7; DBA8; 40S ribosomal protein S7;
Entrez Gene ID	6201
Protein Refseq	NP_001002
UniProt ID	P62081
Chromosome Location	2p25
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	RNA binding; poly(A) RNA binding; protein binding; structural constituent of ribosome