



Anti-RPS11 (aa 59-158) polyclonal antibody (DPAB-DC2748)

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 member of the S17P family of ribosomal proteins that is a component of the 40S subunit. This gene is co-transcribed with the small nucleolar RNA gene U35B, which is located in the third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome.
Immunogen	RPS11 (NP_001006, 59 a.a. ~ 158 a.a) partial recombinant protein with GST tag. The sequence is KCPFTGNVSIRGRILSGVVTKMKMQRTIVRRDYLHYIRKYNRFEKRHKNMSVHLSPCFR DVQIGDIVTVGECRPLSKTVRFNVLKVTKAAGTKQQFQKF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	RPS11 ribosomal protein S11 [Homo sapiens (human)]
Official Symbol	RPS11
Synonyms	RPS11; ribosomal protein S11; S11; 40S ribosomal protein S11;
Entrez Gene ID	6205
Protein Refseq	NP_001006
UniProt ID	P62280
Chromosome Location	19q13.3
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; rRNA binding; structural constituent of ribosome;