



# Anti-RPL32 (aa 33-132) polyclonal antibody (DPAB-DC2735)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 60S subunit. The protein belongs to the L32E family of ribosomal proteins. It is located in the cytoplasm. Although some studies have mapped this gene to 3q13.3-q21, it is believed to map to 3p25-p24. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding the same protein have been observed for this gene.
<b>Immunogen</b>	RPL32 (NP_000985, 33 a.a. ~ 132 a.a) partial recombinant protein with GST tag. The sequence is RNWRKPRGIDNRVRRRFKGQILMPNIGYGSNKKTKHMLPSGFRKFLVHNVKELEVLLMCN KSYCAEIAHNVSSKNRKAIVERAAQLAIRVTNPANRLRSE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">RPL32 ribosomal protein L32 [ Homo sapiens (human) ]</a>
Official Symbol	RPL32
Synonyms	RPL32; ribosomal protein L32; L32; PP9932; 60S ribosomal protein L32;
Entrez Gene ID	<a href="#">6161</a>
Protein Refseq	<a href="#">NP_000985</a>
UniProt ID	<a href="#">A0A024R2G7</a>
Chromosome Location	3p25-p24
Pathway	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
Function	poly(A) RNA binding; structural constituent of ribosome;