



# Anti-RPL18 (aa 90-188) polyclonal antibody (DPAB-DC2731)

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 member of the L18E family of ribosomal proteins that is a component of the 60S subunit. 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 multiple isoforms have been observed for this gene.
<b>Immunogen</b>	RPL18 (NP_000970, 90 a.a. ~ 188 a.a) partial recombinant protein with GST tag. The sequence is VRVQEVPKLKVCALRVTSRARSRLRAGGKILTFDQLALDSPKGCCTVLLSGPRKGREYV RHFGKAPGTPHSHTKPYVRSKGRKFERARGRRASRGYKN
<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

<b>Gene Name</b>	<a href="#">RPL18 ribosomal protein L18 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RPL18
<b>Synonyms</b>	RPL18; ribosomal protein L18; L18; 60S ribosomal protein L18;
<b>Entrez Gene ID</b>	<a href="#">6141</a>
<b>Protein Refseq</b>	<a href="#">NP_000970</a>
<b>UniProt ID</b>	<a href="#">A0A024QZD1</a>
<b>Chromosome Location</b>	19q13
<b>Pathway</b>	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 4S subunits.
<b>Function</b>	RNA binding; structural constituent of ribosome;