



# Anti-RPL37A (aa 2-50) polyclonal antibody (DPAB-DC2739)

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 L37AE family of ribosomal proteins. It is located in the cytoplasm. The protein contains a C4-type zinc finger-like domain. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
<b>Immunogen</b>	RPL37A (NP_000989, 2 a.a. ~ 50 a.a) partial recombinant protein with GST tag. The sequence is AKRTKKVGIVGKYGTRYGASLRKMMVKKIEISQHAKYTCSFCGKTKMKRR
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), 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="#">RPL37A ribosomal protein L37a [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RPL37A
<b>Synonyms</b>	RPL37A; ribosomal protein L37a; L37A; 60S ribosomal protein L37a;
<b>Entrez Gene ID</b>	<a href="#">6168</a>
<b>Protein Refseq</b>	<a href="#">NP_000989</a>
<b>UniProt ID</b>	<a href="#">P61513</a>
<b>Chromosome Location</b>	2q35
<b>Pathway</b>	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
<b>Function</b>	metal ion binding; poly(A) RNA binding; structural constituent of ribosome;