



# Anti-RPL39 (aa 1-51) polyclonal antibody (DPAB-DC2740)

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 S39E family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein is the smallest, and one of the most basic, proteins of the ribosome. This gene is co-transcribed with the U69 small nucleolar RNA gene, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
<b>Immunogen</b>	RPL39 (NP_000991, 1 a.a. ~ 51 a.a) partial recombinant protein with GST tag. The sequence is MSSHKTFRIKRFLAKKQKQNRPIQWIRMKTGNKIRYNSKRRHWRRTKLGL
<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="#">RPL39 ribosomal protein L39 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RPL39
<b>Synonyms</b>	RPL39; ribosomal protein L39; L39; RPL39P42; RPL39_23_1806; 60S ribosomal protein L39;
<b>Entrez Gene ID</b>	<a href="#">6170</a>
<b>Protein Refseq</b>	<a href="#">NP_000991</a>
<b>UniProt ID</b>	<a href="#">P62891</a>
<b>Chromosome Location</b>	Xq24
<b>Pathway</b>	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
<b>Function</b>	RNA binding; structural constituent of ribosome;