



Anti-RPL4 (aa 251-350) polyclonal antibody (DPAB-DC2725)

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 ribosomal protein that is a component of the 60S subunit. The protein belongs to the L4E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPL4 (NP_000959, 251 a.a. ~ 350 a.a) partial recombinant protein with GST tag. The sequence is IWTESAFRKLDELYGTWRKAASLKSNSYLPMHKMINTDLSRILKSPEIQRALRAPRKIH RRVLKKNPLKNLRLIMLKLNPYAKTMRRNTILRQARNHKLR
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	RPL4 ribosomal protein L4 [Homo sapiens (human)]
Official Symbol	RPL4
Synonyms	RPL4; ribosomal protein L4; L4; 60S ribosomal protein L4; 60S ribosomal protein L1;
Entrez Gene ID	6124
Protein Refseq	NP_000959
UniProt ID	P36578
Chromosome Location	15q22
Pathway	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
Function	RNA binding; poly(A) RNA binding; protein binding; structural constituent of ribosome
