



Anti-RPL21 (aa 2-85) polyclonal antibody (DPAB-DC2732)

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 L21E 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	RPL21 (NP_000973, 2 a.a. ~ 85 a.a) partial recombinant protein with GST tag. The sequence is TNTKGKRRGTRYMFSRPFRKHGVVPLATYMRKKGDIVDIKGMTVQKGMPHKCYHGKT GRVYNVTQHAVGIVVNKQVKKGKIL
Source/Host	Mouse
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Cell lysate), 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	RPL21 ribosomal protein L21 [Homo sapiens (human)]
Official Symbol	RPL21
Synonyms	RPL21; ribosomal protein L21; L21; 60S ribosomal protein L21;
Entrez Gene ID	6144
Protein Refseq	NP_000973
UniProt ID	P46778
Chromosome Location	13q12.2
Pathway	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 4S subunits.
Function	RNA binding; poly(A) RNA binding; structural constituent of ribosome;
