



Anti-RPL8 (aa 148-257) polyclonal antibody (DPAB-DC2726)

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 L2P family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein associates with the 5.8S rRNA, very likely participates in the binding of aminoacyl-tRNA, and is a constituent of the elongation factor 2-binding site at the ribosomal subunit interface. Alternatively spliced transcript variants encoding the same protein exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPL8 (NP_000964, 148 a.a. ~ 257 a.a) partial recombinant protein with GST tag. The sequence is VKLPSSGSKKVISSANRAVVGVVAGGGRIDKPILKAGRAYHKYKAKRNCWPRVRGVAMNPV EHPFGGGNHQHIGKPSTIRRDAPAGRKVGLIAARTGRLRGTKTVQEKEN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	RPL8 ribosomal protein L8 [Homo sapiens (human)]
Official Symbol	RPL8
Synonyms	RPL8; ribosomal protein L8; L8; 60S ribosomal protein L8;
Entrez Gene ID	6132
Protein Refseq	NP_000964
UniProt ID	P62917
Chromosome Location	8q24.3
Pathway	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
Function	RNA binding; poly(A) RNA binding; rRNA binding; structural constituent of ribosome