



Anti-RPL15 (aa 105-203) polyclonal antibody (DPAB-DC2730)

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 L15E family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with the yeast ribosomal protein YL10 gene. Although this gene has been referred to as RPL10, its official symbol is RPL15. This gene has been shown to be overexpressed in some esophageal tumors compared to normal matched tissues. Alternate splicing results in multiple transcript variants. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPL15 (NP_002939, 105 a.a. ~ 203 a.a) partial recombinant protein with GST tag. The sequence is RAGRHCALRLVLSYWVGEDSTYKFFEVLIDPFHKAIRRNPDQTQWITKPVHKHREMRGL TSAGRKSRGLGKGHKFHHTIGGSRRAAWRRRNTLQLHRY
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	RPL15 ribosomal protein L15 [Homo sapiens (human)]
Official Symbol	RPL15
Synonyms	RPL15; ribosomal protein L15; L15; EC45; DBA12; RPL10; RPLY10; RPYL10; 60S ribosomal protein L15;
Entrez Gene ID	6138
Protein Refseq	NP_001240308
UniProt ID	A0A024R2Q4
Chromosome Location	3p24.2
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