



# Anti-RPL35A (aa 11-110) polyclonal antibody (DPAB-DC2737)

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 L35AE family of ribosomal proteins. It is located in the cytoplasm. The rat protein has been shown to bind to both initiator and elongator tRNAs, and thus, it is located at the P site, or P and A sites, of the ribosome. Although this gene was originally mapped to chromosome 18, it has been established that it is located at 3q29-qter. Transcript variants utilizing alternative transcription initiation sites and alternative polyA signals exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
<b>Immunogen</b>	RPL35A (NP_000987, 11 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is  FAGYKRGRLRNQREHTALLKIEGVYARDETEFYLGKRCAYVYKAKNNTVTPGGKPNKTRVI WGKVTRAHGNNSGMVRAKFRSNLPAKAIGHRIRVMLYPSRI
<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

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">RPL35A ribosomal protein L35a [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RPL35A
<b>Synonyms</b>	RPL35A; ribosomal protein L35a; DBA5; L35A; 60S ribosomal protein L35a; cell growth-inhibiting gene 33 protein;
<b>Entrez Gene ID</b>	<a href="#">6165</a>
<b>Protein Refseq</b>	<a href="#">NP_000987</a>
<b>UniProt ID</b>	<a href="#">P18077</a>
<b>Chromosome Location</b>	3q29
<b>Pathway</b>	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
<b>Function</b>	poly(A) RNA binding; structural constituent of ribosome; tRNA binding;

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