Anti-RPL34 (aa 18-117) polyclonal antibody (DPAB-DC2736)

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 L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Transcript variants derived from alternative splicing, alternative transcription initiation sites, and/or alternative polyadenylation exist; these variants encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPL34 (NP_000986, 18 a.a. ~ 117 a.a) partial recombinant protein with GST tag. The sequence is NKTRLSRTPGNRIVYLYTKKVGKAPKSACGVCPGRLRGVRAVRPKVLMRLSKTKKHVSRA YGGSMCAKCVRDRIKRAFLIEEQKIVVKVLKAQAQSQKAK
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	RPL34 ribosomal protein L34 [Homo sapiens (human)]
Official Symbol	RPL34
Synonyms	RPL34; ribosomal protein L34; L34; 60S ribosomal protein L34; leukemia-associated protein;
Entrez Gene ID	6164
Protein Refseq	NP_000986
UniProt ID	A0A024RDH8
Chromosome Location	4q25
Pathway	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
Function	RNA binding; structural constituent of ribosome;