CD Creative Diagnostics®

Anti-RPL31 (aa 36-125) polyclonal antibody (DPAB-DC2734)

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 L31E family of ribosomal proteins. It is located in the cytoplasm. Higher levels of expression of this gene in familial adenomatous polyps compared to matched normal tissues have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Immunogen	RPL31 (NP_000984, 36 a.a. ~ 125 a.a) partial recombinant protein with GST tag. The sequence is VGFKKRAPRALKEIRKFAMKEMGTPDVRIDTRLNKAVWAKGIRNVPYRIRVRLSRKRNED EDSPNKLYTLVTYVPVTTFKNLQTVNVDEN
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	RPL31 ribosomal protein L31 [Homo sapiens (human)]
Official Symbol	RPL31
Synonyms	RPL31; ribosomal protein L31; L31; 60S ribosomal protein L31;
Entrez Gene ID	6160
Protein Refseq	NP_000984
UniProt ID	P62899
Chromosome Location	2q11.2
Pathway	Cap-dependent Translation Initiation; Disease; Eukaryotic Translation Initiation; Formation of a pool of free 40S subunits
Function	RNA binding; poly(A) RNA binding; structural constituent of ribosome;