



Anti-RPL27A (aa 49-148) polyclonal antibody (DPAB-DC2733)

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 L15P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome.
Immunogen	RPL27A (NP_000981, 49 a.a. ~ 148 a.a) partial recombinant protein with GST tag. The sequence is HPGYFGKVGMMKHYYHLKRNQSFCTVNLDKLWTLVSEQTRVNAAKNKTGAAPIIDVVRSGY YKVLGKGKLPKQPVIVKAKFFSRRAEEKIKSVGGACVLVA
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	RPL27A ribosomal protein L27a [Homo sapiens (human)]
Official Symbol	RPL27A
Synonyms	RPL27A; ribosomal protein L27a; L27A; 60S ribosomal protein L27a;
Entrez Gene ID	6157
Protein Refseq	NP_000981
UniProt ID	P46776
Chromosome Location	11p15
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