



Anti-RPS20 (aa 20-119) polyclonal antibody (DPAB-DC2754)

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 40S subunit. The protein belongs to the S10P family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the small nucleolar RNA gene U54, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Two transcript variants encoding different isoforms have been identified for this gene.
Immunogen	RPS20 (NP_001014, 20 a.a. ~ 119 a.a) partial recombinant protein with GST tag. The sequence is IRITLTSRNVKSLEKVCADLIRGAKEKNLKVKGPMPTKTLRITTRKTPCGEGSKTWDR FQMRIHKRLIDLHSPSEIVKQITSISIEPGVEVEVTIADA
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	RPS20 ribosomal protein S20 [Homo sapiens (human)]
Official Symbol	RPS20
Synonyms	RPS20; ribosomal protein S20; S20; 40S ribosomal protein S20;
Entrez Gene ID	6224
Protein Refseq	NP_001014
UniProt ID	P60866
Chromosome Location	8q12
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S; Cytoplasmic Ribosomal Proteins; Eukaryotic Translation Elongation; Eukaryotic Translation Termination
Function	RNA binding; poly(A) RNA binding; protein binding; structural constituent of ribosome