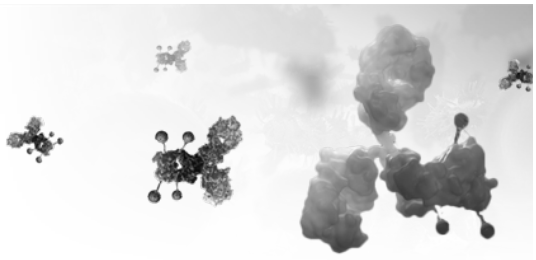

Anti-RPS17 (aa 36-135) polyclonal antibody (DPAB-DC2753)

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 four 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 S17E family of ribosomal proteins and is located in the cytoplasm. Mutations in this gene cause Diamond-Blackfan anemia 4. Alternative splicing of this gene results in multiple transcript variants. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPS17 (NP_001012, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. The sequence is EEIAIIPSKKLRNKIAGYVTHLMKRIQRGPVRGISIKLQEEERERRDNYVPEVSALDQEI IEVDPDTKEMLKLLDFGSLSNLQVTQPTVGMNFKTPRGPV
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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.

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GENE INFORMATION

Gene Name	RPS17 ribosomal protein S17 [Homo sapiens (human)]
Official Symbol	RPS17
Synonyms	RPS17; ribosomal protein S17; S17; DBA4; RPS17L; RPS17L1; RPS17L2; 40S ribosomal protein S17;
Entrez Gene ID	6218
Protein Refseq	NP_001012
UniProt ID	P08708
Chromosome Location	15q
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	poly(A) RNA binding; structural constituent of ribosome;

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