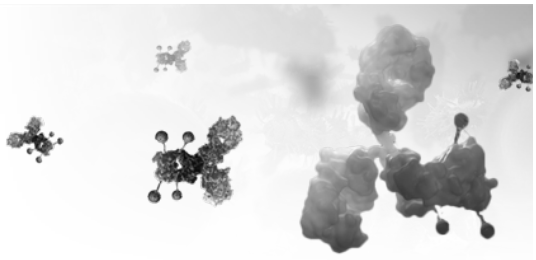

Anti-RPS2 (aa 198-293) polyclonal antibody (DPAB-DC2741)

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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Immunogen	RPS2 (NP_002943, 198 a.a. ~ 293 a.a) partial recombinant protein with GST tag. The sequence is APRGTGIVSAPVPKKLLMMAGIDDCYTSARGCTATLGNFAKATFDAISKTYSYLTPDLWK ETVFTKSPYQEFTDHLVKTHTRVSVQRTQAPAVATT
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.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	RPS2 ribosomal protein S2 [Homo sapiens (human)]
Official Symbol	RPS2
Synonyms	RPS2; ribosomal protein S2; S2; LLREP3; 40S ribosomal protein S2; OK/KNS-cl.6; protein LLRep3; 40S ribosomal protein S4;
Entrez Gene ID	6187
Protein Refseq	NP_002943
UniProt ID	P15880
Chromosome Location	16p13.3
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	enzyme binding; fibroblast growth factor binding; mRNA binding; poly(A) RNA binding

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