



Anti-RPS9 (aa 105-194) polyclonal antibody (DPAB-DC2747)

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 S4P 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	RPS9 (NP_001004, 105 a.a. ~ 194 a.a) partial recombinant protein with GST tag. The sequence is FLERRLQTQVFKGLAKSIHHARVLIRQRHIRVRKQVVNIPSFIVRLDSQKHIDFSLRSP YGGGRPGRVKRKNAKKGQGGAGAGDDEED
Source/Host	Mouse
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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.

GENE INFORMATION

Gene Name	RPS9 ribosomal protein S9 [Homo sapiens (human)]
Official Symbol	RPS9
Synonyms	RPS9; ribosomal protein S9; S9; 40S ribosomal protein S9;
Entrez Gene ID	6203
Protein Refseq	NP_001004
UniProt ID	A0A024R4M0
Chromosome Location	19q13.4
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; protein binding; rRNA binding; structural constituent of ribosome