

RK05701

Leader in Biomolecular Solutions for Life Science



## [One Step] RPS10 Antibody Kit

Catalog No.: RK05701

### Basic Information

#### Applications

#### Cross-Reactivity

Human, Mouse, Rat

#### Observed MW

19kDa

#### Calculated MW

19kDa

#### Category

Antibody kit

### Background

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 S10E 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, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternate splicing results in multiple transcript variants that encode the same protein. Naturally occurring read-through transcription occurs between this locus and the neighboring locus NUDT3 (nudix (nucleoside diphosphate linked moiety X)-type motif 3).

### Product Information

#### Source

Rabbit

#### Purification

#### Storage

Avoid repeated freeze-thaw cycles.

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05701-1	RPS10 Rabbit pAb	19kDa
RK05701-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	19kDa

### Immunogen Information

#### Gene ID

6204

#### Swiss Prot

P46783

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-165 of human RPS10 (NP\_001190174.1).

#### Synonyms

S10; DBA9; eS10; RPS10