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# Datasheet for ABIN7010881 anti-RPS10 antibody

4 Images



#### Overview

Quantity:	60 µL
Target:	RPS10
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human RPS10 (NP_001190174.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	RPS10
Alternative Name:	RPS10 (RPS10 Products)
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

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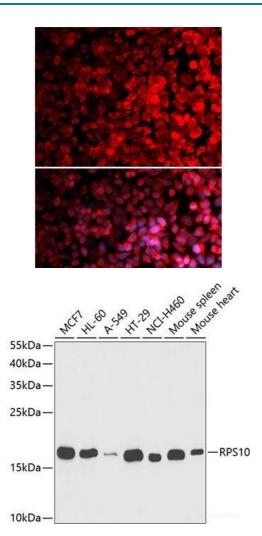
## Target Details

	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).
Molecular Weight:	Observed_MW: 19 kDa
	Calculated_MW: 18 kDa
Gene ID:	6204
UniProt:	P46783
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly
Application Details	

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:20-1:50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

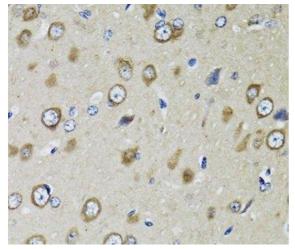


#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of MCF7 cells using RPS10 Polyclonal Antibody

#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using RPS10 Polyclonal Antibody at dilution of 1:1000.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Rat brain using RPS10 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7010881.

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