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Datasheet for ABIN2789874  
**anti-RPS10 antibody (C-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	RPS10
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Goat, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS10 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Sequence:	PKGLEGERPA RLTRGEARDR TYRRSAVPPG ADKKAEGAG SATEFQFRGG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against RPS10. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	RPS10
Alternative Name:	RPS10 ( <a href="#">RPS10 Products</a> )
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a

## Target Details

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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).

Alias Symbols: MGC88819

Protein Interaction Partner: HUWE1, UBC, CEP250, TUBGCP3, TUBG1, TP53, AURKA, MDM2, ASB10, RPS17, RNF2, RPS29, RPS28, RPS27, RPS26, RPS25, RPS24, RPS23, RPS21, RPS20, RPS19, RPS18, RPS16, RPS15A, RPS15, RPS14, RPS13, RPS12, RPS11, RPS9, RPS8, RPS7, RPS6, RPS5, RPS4X, RPS3A, WIBG, EIF

Protein Size: 165

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Molecular Weight: 19 kDa

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Gene ID: 6204

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NCBI Accession: [NM\\_001014](#), [NP\\_001005](#)

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UniProt: [P46783](#)

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Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 165 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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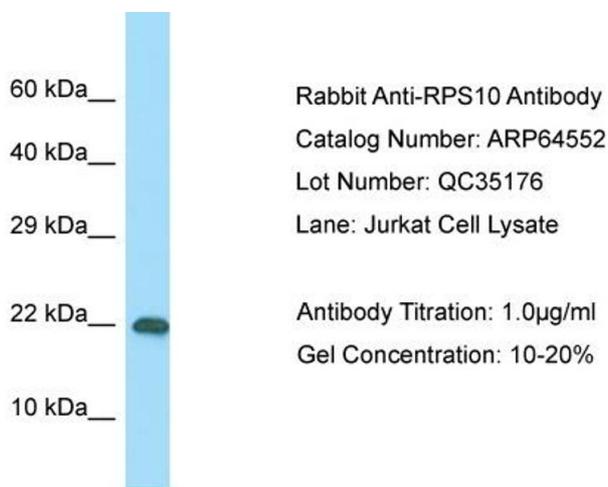
Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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## Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

Image 1.