

**ARG41036**  
anti-RPS14 antibodyPackage: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RPS14
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RPS14
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-151 of Human RPS14 (NP_005608.1).
Conjugation	Un-conjugated
Alternate Names	EMTB; 40S ribosomal protein S14; S14

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SW480	
Observed Size	16 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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**Gene Symbol**

RPS14

**Gene Full Name**

ribosomal protein S14

**Background**

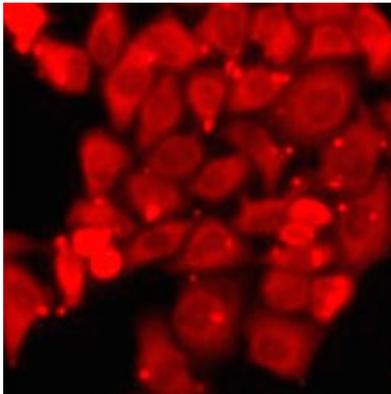
Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S11P family of ribosomal proteins. It is located in the cytoplasm. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

**Calculated Mw**

16 kDa

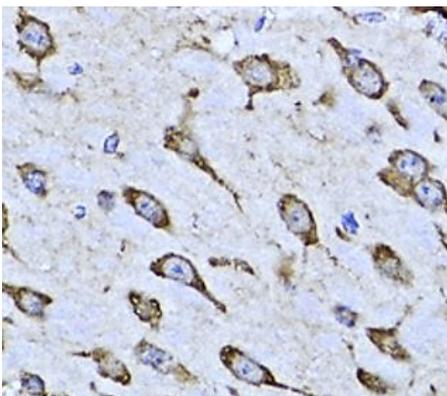
## Images

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ARG41036 anti-RPS14 antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG41036 anti-RPS14 antibody.



ARG41036 anti-RPS14 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain stained with ARG41036 anti-RPS14 antibody at 1:100 dilution.

ARG41036 anti-RPS14 antibody WB image

Western blot: 25 µg of SW480 cell lysate stained with ARG41036 anti-RPS14 antibody at 1:1000 dilution.

