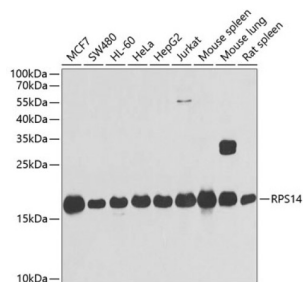
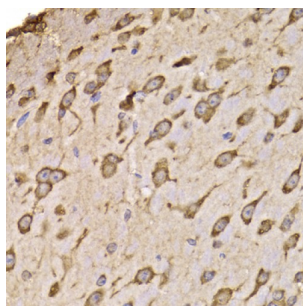


## Ribosomal Protein S14 (RPS14) Antibody

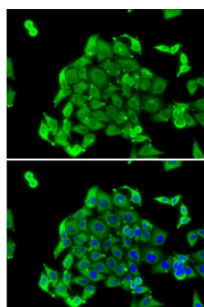
Catalogue No.: abx005160



Western blot analysis of extracts of various cell lines using RPS14 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Mouse brain using RPS14 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of MCF7 cells using RPS14 Antibody

RPS14 Antibody is a Rabbit Polyclonal antibody against RPS14. 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.

**Target:** Ribosomal Protein S14 (RPS14)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** WB, IHC, IF/ICC

# Datasheet

Version: 4.0.0  
Revision date: 05 Mar 2025



<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein corresponding to human RPS14
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P62263 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	RPS14
<b>GeneID:</b>	<a href="#">6208</a>
<b>NCBI Accession:</b>	NP_005608.1
<b>KEGG:</b>	hsa:6208
<b>String:</b>	<a href="#">9606.ENSP00000385958</a>
<b>Molecular Weight:</b>	Calculated MW: 16 kDa Observed MW: 16 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.