

Datasheet for ABIN629966

**anti-RPS14 antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	RPS14
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS14 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	RPS14 antibody was raised using the N terminal of RPS14 corresponding to a region with amino acids APRKGKEKKEEQVISLGPQVAEGENVFGVCHIFASFNDTFVHVTDLSGKE
Specificity:	RPS14 antibody was raised against the N terminal of RPS14
Purification:	Purified

## Target Details

Target:	RPS14
Alternative Name:	RPS14 ( <a href="#">RPS14 Products</a> )
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. RPS14 is a component of the 40S subunit. The protein belongs

## Target Details

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. 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.

Molecular Weight:	17 kDa (MW of target protein)
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a> , <a href="#">Ribosome Assembly</a>

## Application Details

Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	RPS14 Blocking Peptide, catalog no. 33R-1437, is also available for use as a blocking control in assays to test for specificity of this RPS14 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of RPS14 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

**Image 1.** RPS14 antibody used at 1.25 ug/ml to detect target protein.