Datasheet for ABIN629964

anti-RPS14 antibody (Middle Region)

1 Image

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Overview

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

Product Details

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

Target Details

Target:	RPS14
Alternative Name:	RPS14 (RPS14 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. RPS14 is a ribosomal protein that is a component of the 40S

Target Details

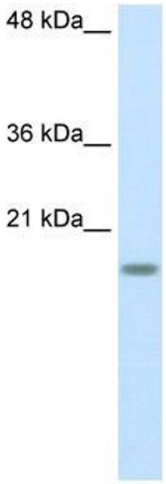
	subunit. The protein belongs to the S11P family of ribosomal proteins. It is located in the cytoplasm. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor.Ribosomes, the organelles that catalyze protein synthesis, consist of a small 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:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

Application Details

Application Notes:	WB: 2.5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	RPS14 Blocking Peptide, catalog no. 33R-3457, 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 2.5 ug/ml to detect target protein.