

# Datasheet for ABIN633403

### anti-RPS7 antibody (N-Term)





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Overview	
Quantity:	100 μL
Target:	RPS7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS7 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	RPS7 antibody was raised using the N terminal of RPS7 corresponding to a region with amino
	acids MFSSSAKIVKPNGEKPDEFESGISQALLELEMNSDLKAQLRELNITAAKE
Specificity:	RPS7 antibody was raised against the N terminal of RPS7
Purification:	Affinity purified
Target Details	
Target:	RPS7
Alternative Name:	RPS7 (RPS7 Products)
Background:	RPS7 is required for rRNA maturation. 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

#### **Target Details**

encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the
S7E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding
ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through
the genome.
22 kDa (MW of target protein)

## Application Details

Molecular Weight:

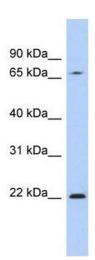
Pathways:

Application Notes:	WB: 1 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	RPS7 Blocking Peptide, catalog no. 33R-6006, is also available for use as a blocking control in assays to test for specificity of this RPS7 antibody
Restrictions:	For Research Use only

**Tube Formation** 

### Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of RPS7 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.** RPS7 antibody used at 1 ug/ml to detect target protein.