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## anti-RPS12 antibody (N-Term)

2 Images



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Overview		
Quantity:	0.4 mL	
Target:	RPS12	
Binding Specificity:	AA 14-44, N-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This RPS12 antibody is un-conjugated	
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 14-44 amino acids from the N-terminal region of Human RPS12 Genename: RPS12	
Isotype:	lg Fraction	
Specificity:	Recognizes RPS12 (N-term).	
Purification:	Protein A column followed by peptide Affinity purification	
Target Details		
Target:	RPS12	
Alternative Name:	RPS12 (RPS12 Products)	
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a	

#### **Target Details**

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 S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Synonyms: 40S ribosomal protein S12

Gene ID:

6206

NCBI Accession:

NP\_001007

For Research Use only

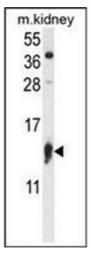
#### **Application Details**

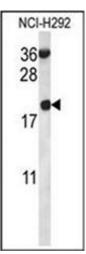
Application Notes:	Optimal working dilution should be determined by the investigator.

### Handling

Restrictions:

Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	





#### **Western Blotting**

**Image 1.** Western blot analysis in Mouse Kidney tissue lysates (35 ug/lane) using RPS12 Antibody (N-term) Cat.-No AP53733PU-N. This demonstrates the RPS12 antibody detected the RPS12 protein (arrow).

#### **Western Blotting**

**Image 2.** Western blot analysis in NCI-H292 cell line lysates (35 ug/lane) using RPS12 Antibody (N-term) Cat.-No AP53733PU-N. This demonstrates the RPS12 antibody detected the RPS12 protein (arrow).