

Rabbit RPS12 Polyclonal Antibody | anti-RPS12 antibody

RPS12 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287919	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Pig, Rat, Xenopus)	ELISA, Western Blot

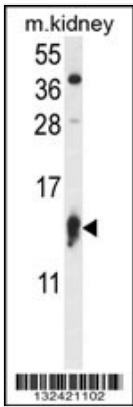
PRODUCT SYNONYMS

RPS12; Polyclonal Antibody; RPS12 Antibody (N-term); 40S ribosomal protein S12; anti-RPS12 antibody

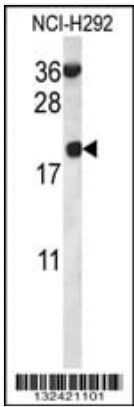
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Pig, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPS12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-44 amino acids from the N-terminal region of human RPS12.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	15-44
Sequence Length	132
Applicable Applications for anti-RPS12 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
RPS12 Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the RPS12 antibody detected the RPS12 protein (arrow).



WB (Western Blot)
RPS12 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the RPS12 antibody detected the RPS12 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS12 antibody	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 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.
References	Yu, Y., et al. Protein Sci. 14(6):1438-1446(2005) Andersen, J.S., et al. Nature 433(7021):77-83(2005) Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) : Sampath, P., et al. Mol. Cell. Biol. 23(5):1509-1519(2003) Yoshihama, M., et al. Genome Res. 12(3):379-390(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14277700
NCBI GeneID	6206
NCBI Accession #	NP_001007.2
NCBI GenBank Nucleotide #	NM_001016.3
UniProt Accession #	P25398; Q76M58
Molecular Weight	14515
NCBI Official Full Name	40S ribosomal protein S12
NCBI Official Synonym Full Names	ribosomal protein S12
NCBI Official Symbol	RPS12
NCBI Official Synonym Symbols	S12
NCBI Protein Information	40S ribosomal protein S12
UniProt Protein Name	40S ribosomal protein S12
UniProt Gene Name	RPS12

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rps12-antibody-western-blot-elisa/287919>