

Rabbit RPS27 Polyclonal Antibody | anti-RPS27 antibody

RPS27 Antibody

CATALOG # AAA327803	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	--

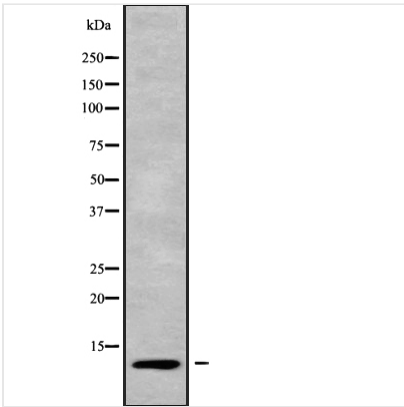
PRODUCT SYNONYMS

RPS27; Polyclonal Antibody; RPS27 Antibody; 2610206D02Rik; 3200001M24Rik; 40S ribosomal protein S27; C530005D02Rik; Metallopan stimulin 1; Metallopan-stimulin 1; Metallopanstimulin 1; Metallopanstimulin1; MPS 1; MPS-1; MPS1; pmn; Ribosomal protein S27; Ribosomal protein S27 metallopanstimulin 1; rps27; RS27_HUMAN; S27; snoRNA MBI 112; anti-RPS27 antibody

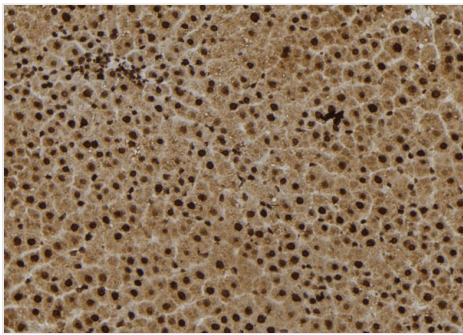
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPS27 antibody detects endogenous levels of total RPS27
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	84
Applicable Applications for anti-RPS27 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RPS27
Tissue Specificity	Expressed in a wide variety of actively proliferating cells and tumor tissues.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of RPS27 using K562 whole cell lysates



IHC (Immunohistochemistry)
AAA327803 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS27 antibody	Function: Component of the small ribosomal subunit (PubMed:8706699). Required for proper rRNA processing and maturation of 18S rRNAs (PubMed:25424902). Subunit Structure: Component of the small ribosomal subunit. Similarity: Belongs to the eukaryotic ribosomal protein eS27 family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506711
NCBI GeneID	6232
NCBI Accession #	NP_001021.1
NCBI GenBank Nucleotide #	NM_001030.6
UniProt Accession #	P42677; Q5T4L6
Molecular Weight	Observed: 9 kDa Predicted: 10 kDa
NCBI Official Full Name	40S ribosomal protein S27 isoform 1
NCBI Official Synonym Full Names	ribosomal protein S27
NCBI Official Symbol	RPS27
NCBI Official Synonym Symbols	S27; MPS1; DBA17; MPS-1
NCBI Protein Information	40S ribosomal protein S27
UniProt Protein Name	40S ribosomal protein S27
UniProt Gene Name	RPS27
UniProt Synonym Gene Names	MPS1; MPS-1

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.