

Rabbit RPL31 Polyclonal Antibody | anti-RPL31 antibody

RPL31 Antibody

CATALOG # AAA321261	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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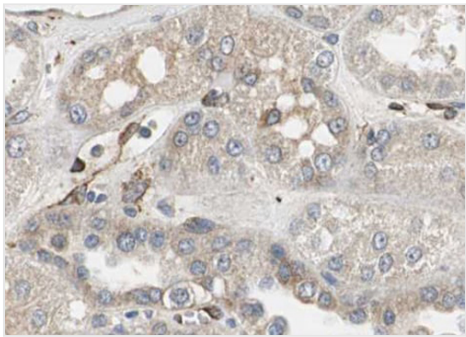
PRODUCT SYNONYMS

RPL31; Polyclonal Antibody; RPL31 Antibody; 60S ribosomal protein L31; L31; MGC88191; OTTHUMP00000202933; OTTHUMP00000202940; OTTHUMP00000202941; OTTHUMP00000202942; OTTHUMP00000202943; Ribosomal protein L31; RL31_HUMAN; rpl31; anti-RPL31 antibody

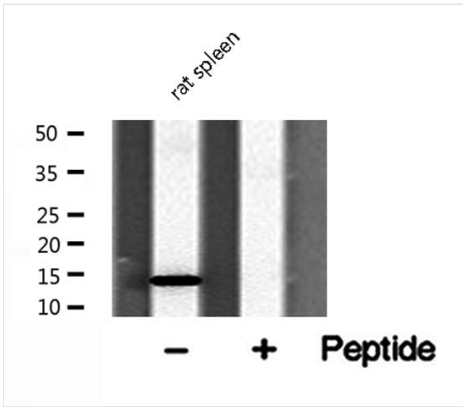
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPL31 antibody detects endogenous levels of RPL31
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	125
Applicable Applications for anti-RPL31 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RPL31
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (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



IHC (Immunohistochemistry)
AAA321261 at 1/100 staining human Kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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.



WB (Western Blot)
Western blot analysis of RPL31 Antibody expression in rat spleen tissue lysates. The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL31 antibody	Description: 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 60S subunit. The protein belongs to the L31E family of ribosomal proteins. It is located in the cytoplasm. Higher levels of expression of this gene in familial adenomatous polyps compared to matched normal tissues have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Similarity: Belongs to the eukaryotic ribosomal protein eL31 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506633
NCBI GeneID	6160
NCBI Accession #	NP_000984.1
NCBI GenBank Nucleotide #	NM_000993.4
UniProt Accession #	P62899; P12947; Q53SQ5; Q6IRZ0; Q6LBJ6; B7Z4K2; D3DVJ4
Molecular Weight	Observed: 14 kDa Predicted: 15 kDa
NCBI Official Full Name	60S ribosomal protein L31 isoform 1
NCBI Official Synonym Full Names	ribosomal protein L31
NCBI Official Symbol	RPL31
NCBI Official Synonym Symbols	L31
NCBI Protein Information	60S ribosomal protein L31
UniProt Protein Name	60S ribosomal protein L31
UniProt Gene Name	RPL31

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.