antibodies - online.com







anti-RPL8 antibody (C-Term)





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Quantity: 100 μL Target: RPL8 Binding Specificity: C-Term Reactivity: Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Rabbit, Guinea Pig, Horse Host: Rabbit Clonality: Polyclonal Conjugate: This RPL8 antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC) Product Details Immunogen: Immunogen: The immunogen is a synthetic peptide directed towards the C terminal region of human RPL8 Sequence: EHPFGGGNHQ HIGKPSTIRR DAPAGRKVGL IAARRTGRLR GTKTVQEKEN Predicted Reactivity: Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93% Characteristics: This is a rabbit polyclonal antibody against RPL8. It was validated on Western Blot and immunohistochemistry. Purification: Protein A purified Target: RPL8		
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Target: RPL8	Target Details	
	Target:	RPL8

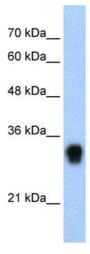
Target Details

Alternative Name:	RPL8 (RPL8 Products)
Background:	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. RPL8 is a ribosomal protein that is a component of the 60S
	subunit. The protein belongs to the L2P family of ribosomal proteins. It is located in the
	cytoplasm.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 L2P family of ribosomal proteins. It is
	located in the cytoplasm. In rat, the protein associates with the 5.8S rRNA, very likely
	participates in the binding of aminoacyl-tRNA, and is a constituent of the elongation factor 2-
	binding site at the ribosomal subunit interface. Alternatively spliced transcript variants encoding
	the same protein exist. As is typical for genes encoding ribosomal proteins, there are multiple
	processed pseudogenes of this gene dispersed through the genome.
	Alias Symbols: L8
	Protein Interaction Partner: TP53, HUWE1, SUMO2, TUBGCP3, CEP250, STAU1, UBC, MDM2,
	ZBTB1, EED, RPS25, RPL28, PARK2, FBX06, UPF2, TARDBP, ICAM1, IGSF8, PAN2, ITGA4, IL7R,
	FN1, DPH3, UBL4A, VCAM1, EIF4A3, PA2G4, MAGOH, ESR1, RPLP0P6, RPL10L, TUBA1C,
	ATF7IP, RPL36, TXN2, PPT2, RPL23, R
	Protein Size: 257
Molecular Weight:	28 kDa
Gene ID:	6132
NCBI Accession:	NM_000973, NP_000964
UniProt:	P62917
Pathways:	Regulation of Cell Size
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 257 AA
Restrictions:	For Research Use only

Handling

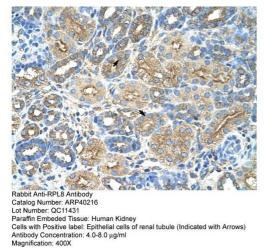
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-RPL8 Antibody Titration:0.3125ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-RPL8 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X