antibodies .- online.com





anti-RPL32 antibody (N-Term)



Overview



Publication

Western Blotting (WB)



Go to Product page

Quantity:	100 μL
Target:	RPL32
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal

Conjugate: This RPL32 antibody is un-conjugated

Product Details

Application:

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RPL32
Sequence:	AALRPLVKPK IVKKRTKKFI RHQSDRYVKI KRNWRKPRGI DNRVRRRFKG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RPL32. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target: RPL32

Target Details

Alternative Name:	RPL32 (RPL32 Products)
Background:	RPL32 is a ribosomal protein that is a component of the 60S subunit. RPL32 belongs to the
	L32E family of ribosomal proteins. It is located in the cytoplasm. Although some studies have
	mapped this gene to 3q13.3-q21, it is believed to map to 3p25-p24. As is typical for genes
	encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed
	through the genome. 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 L32E family of
	ribosomal proteins. It is located in the cytoplasm. Although some studies have mapped this
	gene to 3q13.3-q21, it is believed to map to 3p25-p24. As is typical for genes encoding
	ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through
	the genome. Alternatively spliced transcript variants encoding the same protein have been
	observed for this gene.
	Alias Symbols: L32, PP9932
	Protein Interaction Partner: UBC, RNF2, rev, FBXO6, TARDBP, PAN2, UBL4A, NACA2, RPLP0P6,
	RPS6, RPS4X, RPS3A, RPS3, RPS2, RPL29, RPL23A, RPL21, RPL19, RPL18A, RPL18, RPL17,
	RPL15, RPL12, RPL9, RPL8, RPL7A, RPL7, RPL5, RPL4, RPL3, RPL10A, MTHFD1, RPSA, ILF3,
	HSP90AB1, HSP90AA1, CDH2, C
	Protein Size: 135
Molecular Weight:	15 kDa
Gene ID:	6161
NCBI Accession:	NM_000994, NP_000985
UniProt:	P62910
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 135 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Handling

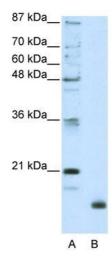
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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.

Publications

Product cited in:

van Dijk, Schilders, Pruijn: "Human cell growth requires a functional cytoplasmic exosome, which is involved in various mRNA decay pathways." in: **RNA (New York, N.Y.)**, Vol. 13, Issue 7, pp. 1027-35, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-RPL32 Antibody Titration:2.5ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 celllysate