antibodies - online.com







anti-RPL36A antibody (Middle Region)



Image



Overview

Quantity:	100 μL
Target:	RPL36A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Cow, Dog, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL36A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human RPL36A
Sequence:	PHKVTQYKKG KDSLYAQGKR RYDRKQSGYG GQTKPIFRKK AKTTKKIVLR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against RPL36A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RPL36A
Alternative Name:	RPL36A (RPL36A Products)

Target Details

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Cytoplasmic ribosomes, 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, which shares sequence similarity with yeast ribosomal protein L44, belongs to the L44E (L36AE) family of ribosomal proteins. Although this gene has been referred to as ribosomal protein L44 (RPL44), its official name is ribosomal protein L36a (RPL36A). This gene and the human gene officially named ribosomal protein L36a-like (RPL36AL) encode nearly identical proteins, however, they are distinct genes. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Naturally occurring read-through transcription occurs between this locus and the heterogeneous nuclear ribonucleoprotein H2 (H') gene.

Alias Symbols: L44L, MGC72020, MIG6, RPL44

Protein Interaction Partner: UBC, SAV1, PAN2, ESR1, HDAC6, TCF3, PSTPIP1, MAGEB2,

Protein Size: 142

Molecular Weight:	16 kDa
Gene ID:	6173
NCBI Accession:	NM_021029, NP_066357
UniProt:	P83881

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 142 AA
Restrictions:	For Research Use only

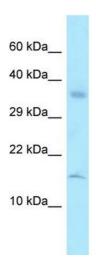
Handling

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

Handling

	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-RPL36A Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell RPL36A is supported by BioGPS gene expression data to be expressed in HT1080