

Datasheet for ABIN1539116
anti-RPL10 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	RPL10
Binding Specificity:	AA 17-45, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RPL10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human RPL10.
Clone:	RB39792
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, C, Zf, Pig, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RPL10
Alternative Name:	RPL10 (RPL10 Products)

Target Details

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. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L10E family of ribosomal proteins. It is located in the cytoplasm. In vitro studies have shown that the chicken protein can bind to c-Jun and can repress c-Jun-mediated transcriptional activation, but these activities have not been demonstrated in vivo. This gene was initially identified as a candidate for a Wilms tumor suppressor gene, but later studies determined that this gene is not involved in the suppression of Wilms tumor. This gene has been referred to as 'laminin receptor homolog' because a chimeric transcript consisting of sequence from this gene and sequence from the laminin receptor gene was isolated, however, it is not believed that this gene encodes a laminin receptor. Transcript variants utilizing alternative polyA signals exist. The variant with the longest 3' UTR overlaps the deoxyribonuclease I-like 1 gene on the opposite strand. This gene is co-transcribed with the small nucleolar RNA gene U70, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Molecular Weight: 24604

Gene ID: 6134

NCBI Accession: [NP_001243506](#), [NP_001243509](#), [NP_006004](#)

UniProt: [P27635](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:4000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

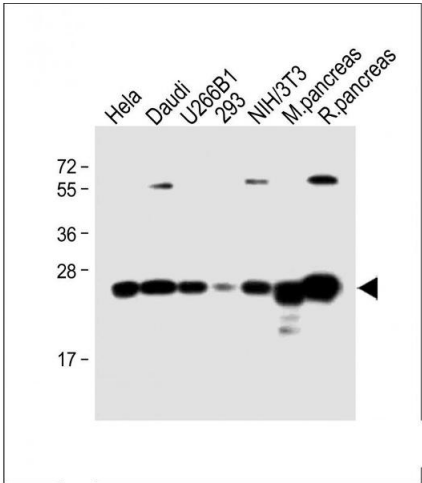
Storage: 4 °C, -20 °C

Handling

Storage Comment: RPL10 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

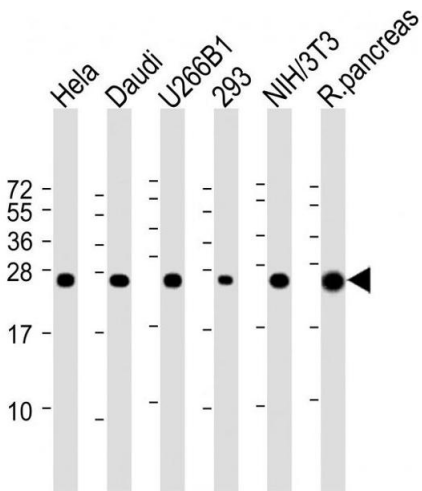
Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-RPL10 Antibody (N-term) at 1:4000 dilution Lane 1: HeLa whole cell lysate Lane 2: Daudi whole cell lysate Lane 3: U266B1 whole cell lysate Lane 4: 293 whole cell lysate Lane 5: NIH/3T3 whole cell lysate Lane 6: Mouse pancreas lysate Lane 7: Rat pancreas lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. All lanes : Anti-RPL10 Antibody (N-term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Daudi whole cell lysate Lane 3: U266B1 whole cell lysate Lane 4: 293 whole cell lysate Lane 5: NIH/3T3 whole cell lysate Lane 6: Rat pancreas lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.