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Datasheet for ABIN5515109  
**anti-RPL24 antibody (N-Term)**

### Overview

Quantity:	100 µL
Target:	RPL24
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio), Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL24 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human RPL24
Sequence:	FLNAKCESAF LSKRNPRQIN WTVLYRRKHK KGQSEEIQKK RTRRAVKFQR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against RPL24. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	RPL24
Alternative Name:	RPL24 ( <a href="#">RPL24 Products</a> )

## Target Details

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**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 L24E family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as ribosomal protein L30 because the encoded protein shares amino acid identity with the L30 ribosomal proteins from *S. cerevisiae*, however, its official name is ribosomal protein L24. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Alias Symbols: RPL24,

Protein Interaction Partner: UBC, CEP76, CEP250, TUBGCP3, VCP, TUBG1, TP53, STAU1, MDM2, ZBTB1, EED, RNF2, SF1, XRCC5, TROVE2, SRSF6, RPLP0, RPL23A, RPL18, RPL15, RPL13, PURB, VPS35, OXR1, RPS27L, SAMHD1, FAF1, SYNCRIP, FARSB, EEF1E1, RANBP3, HIRIP3, HIST1H4A, PLOD2, NARS, IARS, GART

Protein Size: 157

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Gene ID: 6152

NCBI Accession: [NP\\_000977](#)

UniProt: [P83731](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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## Handling

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should be handled by trained staff only.

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Storage: -20 °C

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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.