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# anti-RPL36AL antibody (C-Term)

3 Images



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Overview	
Quantity:	100 μL
Target:	RPL36AL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio),
	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL36AL antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human
	RPL36AL
Sequence:	FRKKAKTTKK IVLRLECVEP NCRSKRMLAI KRCKHFELGG DKKRKGQVIQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
	100%, Rat: 100%, Yeast: 92%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RPL36AL. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
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## Target Details

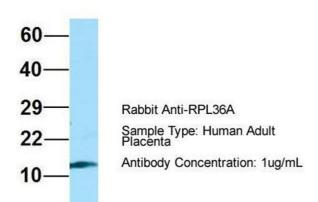
Alternative Name:	RPL36AL (RPL36AL Products)
Alternative Name:  Background:	Cytoplasmic ribosomes, organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. 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. This gene and the human gene officially named ribosomal protein L36a (RPL36A) encode nearly identical proteins, however, they are distinct genes. Although the name of this gene has been referred to as ribosomal protein L36a (RPL36A), its official name is ribosomal protein L36a-like (RPL36AL). As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.  Alias Symbols: MGC111574, RPL36A  Protein Interaction Partner: KRTAP10-7, UBC, UBL4A, ESR2, ESR1, TAF1D, C7orf25, GSK3B, Protein Size: 106
Molecular Weight:	12 kDa
Gene ID:	6166
NCBI Accession:	NM_001001, NP_000992
UniProt:	Q969Q0
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 106 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**





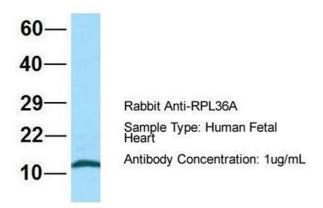
## **Western Blotting**

Image 1. Host: Rabbit
Target Name: RPL36A

Sample Tissue: Human Adult Placenta

Antibody Dilution: 1.0 µg/mL

# RPL36A



#### **Western Blotting**

**Image 2.** Host: Rabbit Target Name: RPL36A

Sample Tissue: Human Fetal Heart

Antibody Dilution: 1.0 µg/mL

# RPL36A

60— 40— 29— 22— 10—

Rabbit Anti-RPL36A

Sample Type: Human Fetal Brain Antibody Concentration: 1ug/mL

## **Western Blotting**

Image 3. Host: Rabbit

Target Name: RPL36A

Sample Tissue: Human Fetal Brain

Antibody Dilution: 1.0 µg/mL