

# Datasheet for ABIN2790162 anti-RPL27A antibody (C-Term)

# 1 Image



#### Overview

Quantity:	100 μL
Target:	RPL27A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL27A 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 RPL27A
Sequence:	GAAPIIDVVR SGYYKVLGKG KLPKQPVIVK AKFFSRRAEE KIKSVGGACV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Yeast: 85%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RPL27A. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	RPL27A

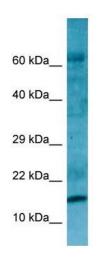
## **Target Details**

Alternative Name:	RPL27A (RPL27A Products)
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 L15P family of ribosomal proteins. It is located in
	the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent
	normal tissues has been observed, although no correlation between the level of expression and
	the severity of the disease has been found. As is typical for genes encoding ribosomal proteins
	multiple processed pseudogenes derived from this gene are dispersed through the genome.
	Alias Symbols: FLJ43464, MGC10850, MGC17878, MGC87238, L27A
	Protein Interaction Partner: HUWE1, UBC, SIAH1, MDM2, ZBTB1, EED, RNF2, EIF2S1, AIMP2,
	QARS, MARS, HNRNPA2B1, HNRNPA1, EEF1E1, AIMP1, RANBP3, DHX9, DARS, ABCF1, CCAR2
	PARP1, GTF2F2, AGO2, UBD, PRKACB, ICAM1, CD81, IGSF8, PAN2, UBL4A, VCAM1, PEX6,
	ITGA4, FN1, EIF4A3, MAGOH, ESR1, RPL
	Protein Size: 148
Molecular Weight:	16 kDa
Gene ID:	6157
NCBI Accession:	NM_000990, NP_000981
UniProt:	P46776
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 148 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

### Handling

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.

#### **Images**



Host: Rabbit
Target Name: RPL27A

Sample Tissue: Fetal Kidney Lysate

Antibody Dilution: 1.0µg/ml

# **Western Blotting**

Image 1.