

Datasheet for ABIN2787723  
**anti-RPL13A antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	RPL13A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Pig, Rabbit, Sheep, Cow, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL13A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RPL13A
Sequence:	HEVGWKYQAV TATLEEKRKE KAKIHYRKKK QLMRLRKQAE KNVEKKIDKY
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%, Sheep: 86%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against RPL13A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RPL13A
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## Target Details

Alternative Name:	RPL13A ( <a href="#">RPL13A Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: L13A, TSTA1</p> <p>Protein Interaction Partner: HUWE1, UBC, CEP250, TUBG1, ZBTB1, RPA3, RPA2, RPA1, EED, RNF2, Erbb3, TARDBP, ETS1, IGSF8, ICAM1, PAN2, ALG12, TP63, UBL4A, VTN, VCAM1, RPL30, ND1, ITGA4, FNTA, FN1, STOM, CYP2E1, CRP, ALDH2, EIF4A3, MAGOH, ESR1, CAND1, CUL1, CUL3, CUL5, NFX1, CALM1, NOP5</p> <p>Protein Size: 203</p>
Molecular Weight:	22 kDa
Gene ID:	23521
NCBI Accession:	<a href="#">NM_001752</a> , <a href="#">NP_036555</a>
UniProt:	<a href="#">P40429</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 203 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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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.

Validation report #100106 for Western Blotting (WB)



**Western Blotting**

**Image 1. WB Suggested Anti-RPL13A**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: COLO205 cell lysate

RPL13A is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells

**Western Blotting**

**Image 2. WB Suggested Anti-RPL13A Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** COLO205 cell lysate