

### RPL6 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5024

### Specification

# **RPL6 Antibody (N-term) - Product Information**

Application Primary Accession Reactivity Host Clonality Calculated MW Isotype Antigen Source IHC-P, IF, FC, WB,E <u>Q02878</u> Human Rabbit polyclonal H=33 KDa Rabbit IgG HUMAN

### **RPL6** Antibody (N-term) - Additional Information

Gene ID 6128

Antigen Region 2-35

**Other Names** 60S ribosomal protein L6, Neoplasm-related protein C140, Tax-responsive enhancer element-binding protein 107, TaxREB107, RPL6, TXREB1

**Dilution** IHC-P~~1:25 IF~~1:25 FC~~1:25 WB~~1:1000

**Target/Specificity** 

This RPL6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 2-35amino acids from the N-terminal region of human RPL6.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RPL6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## **RPL6 Antibody (N-term) - Protein Information**



Name RPL6

Synonyms TXREB1

## Function

Component of the large ribosomal subunit (PubMed:<a

href="http://www.uniprot.org/citations/12962325" target="\_blank">12962325</a>, PubMed:<a
href="http://www.uniprot.org/citations/23636399" target="\_blank">23636399</a>, PubMed:<a
href="http://www.uniprot.org/citations/25901680" target="\_blank">25901680</a>, PubMed:<a
href="http://www.uniprot.org/citations/25957688" target="\_blank">25957688</a>, PubMed:<a
href="http://www.uniprot.org/citations/25957688" target="\_blank">25957688</a>, PubMed:<a
href="http://www.uniprot.org/citations/25957688" target="\_blank">25957688</a>, PubMed:<a
href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>). The
ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell
(PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">23636399</a>,
PubMed:<a href="http://www.uniprot.org/citations/25901680" target="\_blank">25901680</a>,
PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">25901680</a>,
PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">25901680</a>,
PubMed:<a href="http://www.uniprot.org/citations/25901680" target="\_blank">25901680</a>,
PubMed:<a href="http://www.uniprot.org/citations/25957688" target="\_blank">25957688</a>,
PubMed:<a href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>).

#### **Cellular Location**

Cytoplasm, cytosol. Cytoplasm Rough endoplasmic reticulum {ECO:0000250|UniProtKB:Q2YGT9} Note=Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic reticulum (By similarity). {ECO:0000250|UniProtKB:Q2YGT9, ECO:0000269|PubMed:25957688}

# **RPL6 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

**RPL6 Antibody (N-term) - Images** 





Fluorescent image of HeLa cells stained with RPL6 Antibody (N-term)(Cat#AW5024). AW5024 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western blot analysis of lysates from Hela, NCI-H1299 cell line (from left to right), using RPL6 Antibody (N-term)(Cat. #AW5024). AW5024 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.





Immunohistochemical analysis of paraffin-embedded H. gastric carcinoma section using RPL6 Antibody (N-term)(Cat#NA). NA was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Flow cytometric analysis of Jurkat cells using RPL6 Antibody (N-term)(green, Cat#AW5024) compared to an isotype control of rabbit IgG(blue). AW5024 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

# RPL6 Antibody (N-term) - Background

Specifically binds to domain C of the Tax-responsive enhancer element in the long terminal repeat of HTLV-I.

## **RPL6 Antibody (N-term) - References**

Zaman G.J.R., et al. Nucleic Acids Res. 21:1673-1673(1993). Morita T., et al. AIDS Res. Hum. Retroviruses 9:115-121(1993). Kenmochi N., et al. J. Hum. Genet. 45:290-293(2000). Ohta K., et al. J. Mol. Endocrinol. 12:85-92(1994). Odintsova T.I., et al. J. Protein Chem. 22:249-258(2003).