

**RPL6 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5024**

**Specification**

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

Application	IF, WB, IHC-P, FC,E
Primary Accession	<a href="#">Q02878</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	H=33 KDa
Isotype	Rabbit IgG
Antigen Source	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**  
IF~~1:25  
WB~~1:1000  
IHC-P~~1:25  
FC~~1:25

**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/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">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/32669547" target="\_blank">32669547</a>).

**Cellular Location**

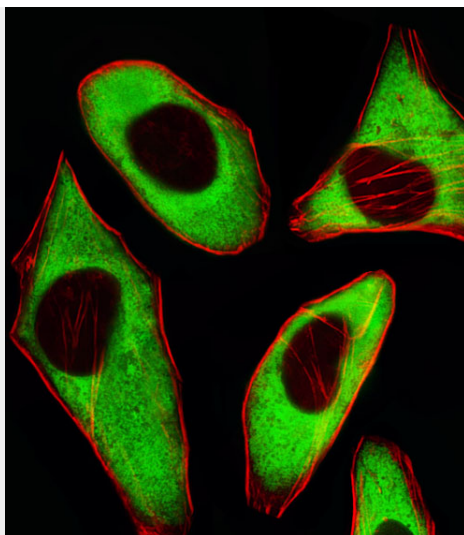
Cytoplasm, cytosol. Cytoplasm Rough endoplasmic reticulum {ECO:0000250|UniProtKB:Q2YGT9} Note=Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic reticulum (By similarity). {ECO:0000250|UniProtKB:Q2YGT9, ECO:0000269|PubMed:25957688}

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

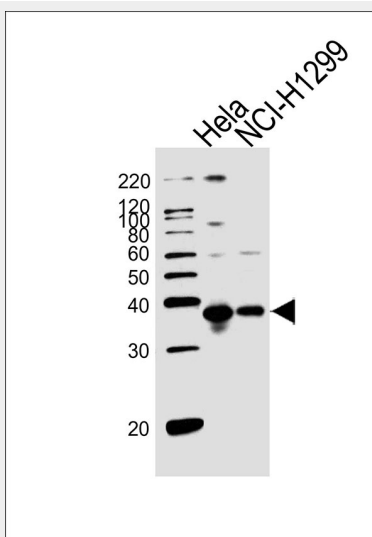
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

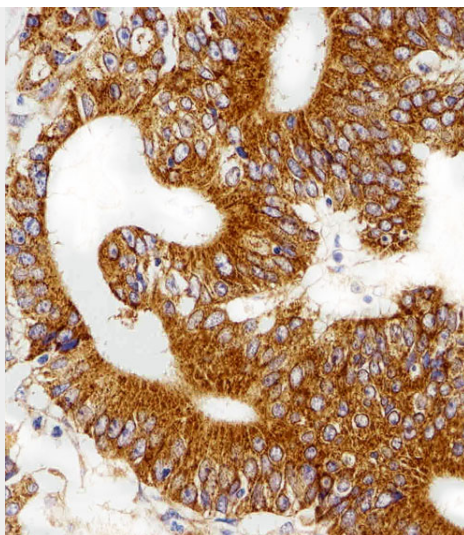
**RPL6 Antibody (N-term) - Images**



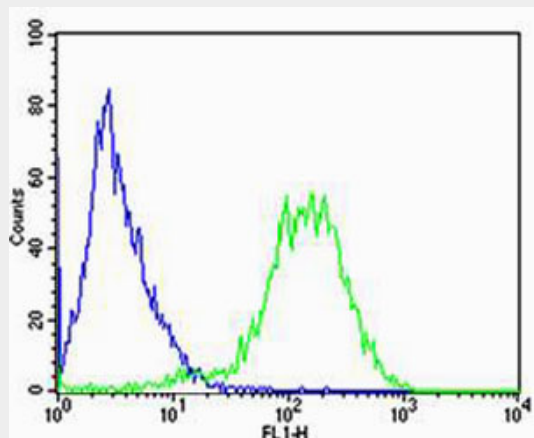
Fluorescent image of HeLa cells stained with RPL6 Antibody (N-term)(Cat#AW5024). AW5024 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated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