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# RPL6 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5024

## Product Information

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|---|---|
| **Application** | IHC-P, IF, FC, WB |
| **Primary Accession** | Q02878 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Calculated MW** | 32728 |
| **Isotype** | Rabbit IgG |
| **Antigen Source** | HUMAN |

## Additional Information

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|---|---|
| **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~~1:100~500 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. |

## Protein Information

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| **Name** | RPL6 |
| **Synonyms** | TXREB1 |
| **Function** | Component of the large ribosomal subunit (PubMed: 12962325, |

PubMed:23636399, PubMed:25901680, PubMed:25957688, PubMed:32669547). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:12962325, PubMed:23636399, PubMed:25901680, PubMed:25957688, PubMed:32669547).

**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}

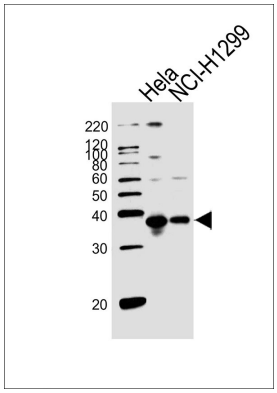
## Background

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

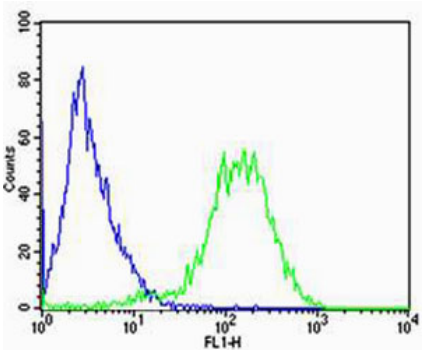
## References


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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).


## Images

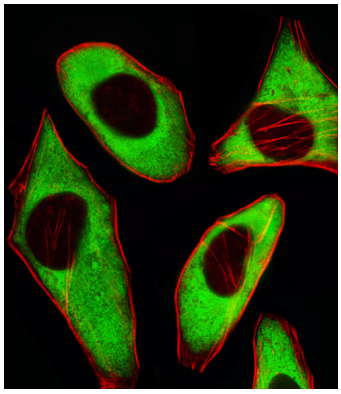



Western blot analysis of lysates from Hela, NCI-H1299 cell line (from left to right),using RPL6 Antibody (N-term)(Cat. #AW5024). AW5024 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

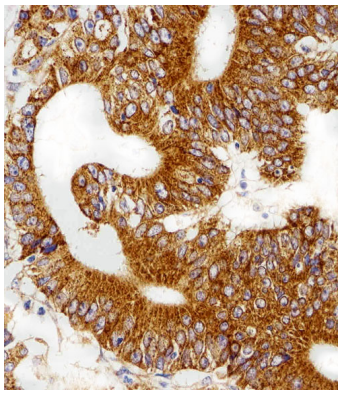



Flow cytometric analysis of Jurkat cells using RPL6 Antibody (N-term)(green, Cat#AW5024) compared to an isotype control of rabbit IgG(blue). AW5024 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.

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).



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.