

**Anti-RPL7 Antibody**  
**Rabbit polyclonal antibody to RPL7**  
**Catalog # AP60388****Specification**

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**Anti-RPL7 Antibody - Product Information**

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Application       | WB, IHC                                         |
| Primary Accession | <a href="#">P18124</a>                          |
| Other Accession   | <a href="#">P14148</a>                          |
| Reactivity        | Human, Mouse, Rat, Monkey, Pig, Chicken, Bovine |
| Host              | Rabbit                                          |
| Clonality         | Polyclonal                                      |
| Calculated MW     | 29226                                           |

**Anti-RPL7 Antibody - Additional Information****Gene ID** 6129**Other Names**  
60S ribosomal protein L7**Target/Specificity**  
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RPL7. The exact sequence is proprietary.**Dilution**  
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)  
IHC~~1:100~500**Format**  
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.**Storage**  
Store at -20 °C.Stable for 12 months from date of receipt**Anti-RPL7 Antibody - Protein Information****Name** RPL7**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/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>,</div>

PubMed:<a href="http://www.uniprot.org/citations/23636399" target="\_blank">23636399</a>, PubMed:<a href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>). Binds to G-rich structures in 28S rRNA and in mRNAs (PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">12962325</a>). Plays a regulatory role in the translation apparatus; inhibits cell-free translation of mRNAs (PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">12962325</a>).

#### Cellular Location

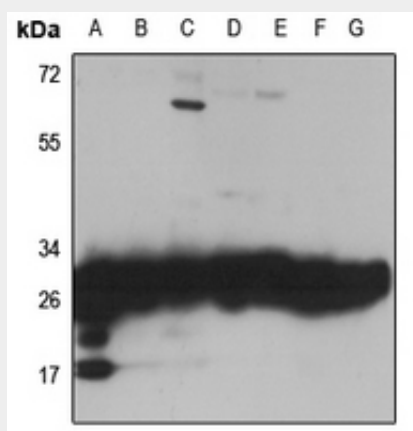
Cytoplasm.

#### Anti-RPL7 Antibody - Protocols

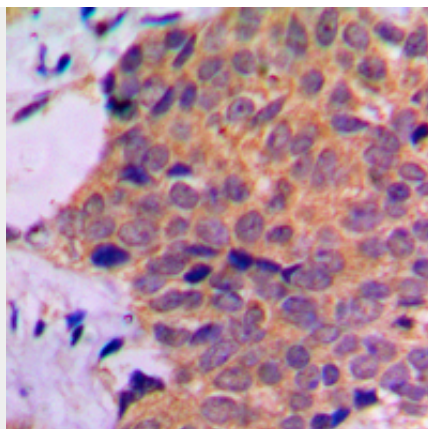
Provided below are standard protocols that you may find useful for product applications.

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

#### Anti-RPL7 Antibody - Images



Western blot analysis of RPL7 expression in HEK293T (A), Hela (B), HCG27 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates.



Immunohistochemical analysis of RPL7 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Anti-RPL7 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RPL7. The exact sequence is proprietary.