

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

Anti-RPL7 Antibody - Product Information

Application	WB, IHC
Primary Accession	P18124
Other Accession	P14148
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

Recognizes endogenous levels of RPL7 protein.

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

PubMed:32669547). Binds to G-rich structures in 28S rRNA and in mRNAs (PubMed:12962325). Plays a regulatory role in the translation apparatus; inhibits cell-free translation of mRNAs (PubMed:12962325).

Cellular Location

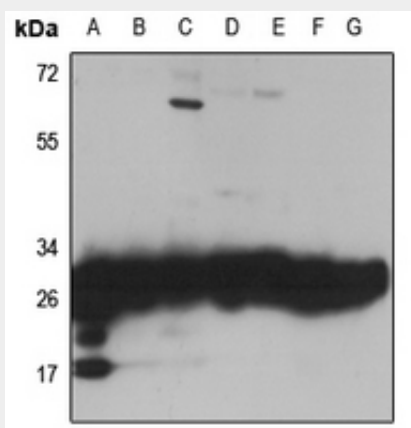
Cytoplasm.

Anti-RPL7 Antibody - Protocols

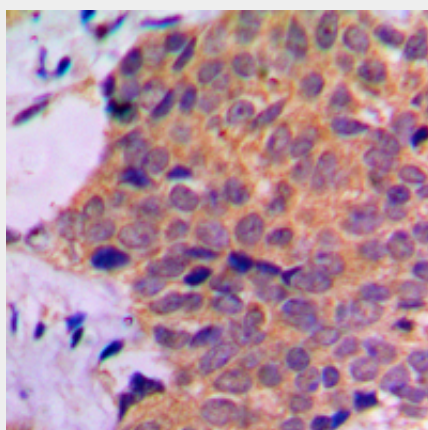
Provided below are standard protocols that you may find useful for product applications.

- [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.