

**RPA2 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14831****Specification**

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**RPA2 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O76021</a>
Other Accession	<a href="#">NM_015659</a> , <a href="#">NP_056474</a>
Reactivity	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Pig, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 30kDa KDa

**RPA2 antibody - N-terminal region - Additional Information****Gene ID** 26156**Alias Symbol** REPA2, RPA32**Other Names**

Ribosomal L1 domain-containing protein 1, CATX-11, Cellular senescence-inhibited gene protein, Protein PBK1, RSL1D1

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-RPA2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

RPA2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**RPA2 antibody - N-terminal region - Protein Information****Name** RSL1D1**Synonyms** CATX11, CSIG {ECO:0000303|PubMed:1867864}**Function**

Regulates cellular senescence through inhibition of PTEN translation. Acts as a pro-apoptotic regulator in response to DNA damage.

**Cellular Location**

Nucleus, nucleolus. Note=Colocalizes with ING1 in the nucleolus after UV stress.

### Tissue Location

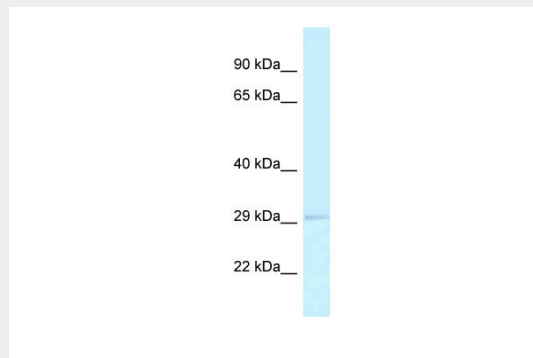
Expressed at high intensities in the heart, skeletal muscle, and placenta.

### RPA2 antibody - N-terminal region - 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](#)

### RPA2 antibody - N-terminal region - Images



WB Suggested Anti-RPA2 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Brain

### RPA2 antibody - N-terminal region - References

- Huch G., et al. *Placenta* 19:557-567(1998).  
Petroziello J., et al. *Oncogene* 23:7734-7745(2004).  
Guo S.-Z., et al. Submitted (SEP-2002) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. *Nat. Genet.* 36:40-45(2004).  
Martin J., et al. *Nature* 432:988-994(2004).