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# RPA2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14831

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | O76021 |
| **Other Accession** | NM_015659, NP_056474 |
| **Reactivity** | Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine |
| **Predicted** | Human, Mouse, Pig, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 54973 |

## Additional Information

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|---|---|
| **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. |

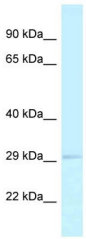
## Protein Information

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|---|---|
| **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. |

## 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).

## Images




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

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