

**C14orf142 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15694****Specification**

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**C14orf142 Antibody - C-terminal region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q9BXV9</a>                                |
| Other Accession   | <a href="#">NM_032490</a> , <a href="#">NP_115879</a> |
| Reactivity        | Human, Mouse, Rat, Pig, Horse, Bovine, Dog            |
| Predicted         | Human, Mouse, Rat, Pig, Horse, Bovine, Dog            |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 11kDa KDa                                             |

**C14orf142 Antibody - C-terminal region - Additional Information****Gene ID** 84520**Alias Symbol** PNAS-127**Other Names**

Uncharacterized protein C14orf142, C14orf142

**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-C14orf142 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**

C14orf142 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**C14orf142 Antibody - C-terminal region - Protein Information****Name** GON7 ([HGNC:20356](#))**Function**

Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in tRNAs that read codons beginning with adenine (PubMed:<a href="http://www.uniprot.org/citations/27903914" target="\_blank">27903914</a>, PubMed:<a href="http://www.uniprot.org/citations/31481669" target="\_blank">31481669</a>). The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37 (PubMed:<a href="http://www.uniprot.org/citations/27903914" target="\_blank">27903914</a>, PubMed:<a href="http://www.uniprot.org/citations/31481669" target="\_blank">31481669</a>).

href="http://www.uniprot.org/citations/31481669" target="\_blank">31481669</a>). GON7 plays a supporting role to the catalytic subunit OSGEP in the complex (PubMed:<a href="http://www.uniprot.org/citations/27903914" target="\_blank">27903914</a>, PubMed:<a href="http://www.uniprot.org/citations/31481669" target="\_blank">31481669</a>).

#### **Cellular Location**

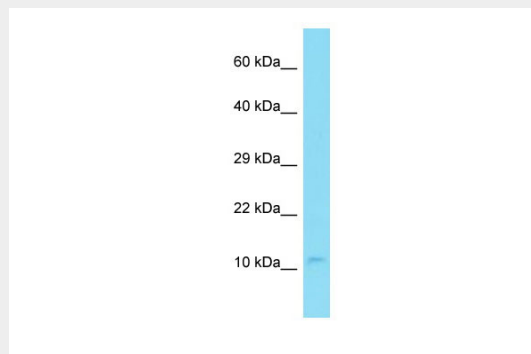
Nucleus.

#### **C14orf142 Antibody - C-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](#)

#### **C14orf142 Antibody - C-terminal region - Images**



Host: Rabbit

Target Name: C14orf142

Sample Tissue: Jurkat Whole cell lysate

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Antibody Dilution: 2.0µg/ml

#### **C14orf142 Antibody - C-terminal region - References**

Li W.B.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.  
Yu W.-Q.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.  
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).