

# C14orf142 Antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI15694

#### **Product Information**

Application WB
Primary Accession Q9BXV9

Other Accession <u>NM 032490</u>, <u>NP 115879</u>

**Reactivity**Human, Mouse, Rat, Pig, Dog, Horse, Bovine **Predicted**Human, Mouse, Rat, Pig, Dog, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 10859

#### **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.

#### **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: 27903914,

PubMed:<u>31481669</u>). The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37 (PubMed:<u>27903914</u>, PubMed:<u>31481669</u>). GON7 plays a supporting role to the catalytic subunit OSGEP in the complex

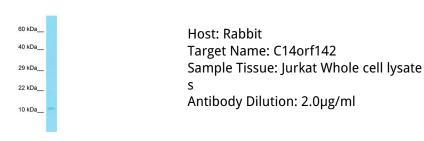
(PubMed:<u>27903914</u>, PubMed:<u>31481669</u>).

Cellular Location Nucleus.

### 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).

## **Images**



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