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C14orf142 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15694

Product Information

Application	WB
Primary Accession	Q9BXV9
Other Accession	NM_032490, NP_115879
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:31481669). The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37 (PubMed:27903914, PubMed:31481669). GON7 plays a supporting role to the catalytic subunit OSGEP in the complex (PubMed:27903914, PubMed:31481669).
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



Host: Rabbit
Target Name: C14orf142
Sample Tissue: Jurkat Whole cell lysate
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Antibody Dilution: 2.0µg/ml

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