

# TBRG4 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14890

## Product Information

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Application	WB
Primary Accession	<a href="#">Q969Z0</a>
Other Accession	<a href="#">NM_004749</a> , <a href="#">NP_004740</a>
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70738

## Additional Information

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Gene ID	9238
Alias Symbol	CPR2, FASTKD4, KIAA0948
Other Names	Protein TBRG4, Cell cycle progression restoration protein 2, Cell cycle progression protein 2, FAST kinase domain-containing protein 4, Transforming growth factor beta regulator 4, TBRG4, CPR2, FASTKD4, KIAA0948
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-TBRG4 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	TBRG4 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	TBRG4 ( <a href="#">HGNC:17443</a> )
Function	Plays a role in processing of mitochondrial RNA precursors and in stabilization of a subset of mature mitochondrial RNA species, such as MT-CO1, MT-CO2, MT-CYB, MT-CO3, MT-ND3, MT-ND5 and MT-ATP8/6. May play a role in cell cycle progression (PubMed: <a href="#">9383053</a> ).
Cellular Location	Mitochondrion matrix
Tissue Location	Ubiquitously expressed (PubMed:12759187). Expression detected in spleen,

thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in smooth muscle (PubMed:20869947)

## References

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Nagase T.,et al.DNA Res. 6:63-70(1999).  
Ohara O.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Scherer S.W.,et al.Science 300:767-772(2003).

## Images

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WB Suggested Anti-TBRG4 Antibody Titration: 1.0 µg/ml  
Positive Control: Jurkat Whole Cell

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