

TBRG4 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI14890

Product Information

Application WB Primary Accession Q969Z0

Other Accession NM 004749, NP 004740

Reactivity Human
Predicted Human
Host Rabbit
Clonality Polyclonal
Calculated MW 70738

Additional Information

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

Name TBRG4 (<u>HGNC:17443</u>)

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: 9383053).

Cellular Location Mitochondrion matrix

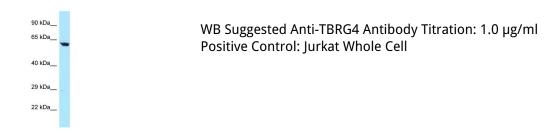
Tissue Location Ubiquitously expressed (PubMed:12759187). Expression detected in spleen,

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

References

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).

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