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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

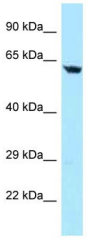
Name	TBRG4 (HGNC:17443)
Function	Plays a role in processing of mitochondrial RNA precursors and in stabilization of a subset of mature mitochondrial RNA species, such as MT-CO1, MT-CO2, MT-CYB, MT-CO3, MT-ND3, MT-ND5 and MT-ATP8/6. May play a role in cell cycle progression (PubMed:9383053).
Cellular 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).

Images



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'.