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TBRG4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14890

Specification

TBRG4 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q969Z0
Other Accession	NM_004749, NP_004740
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**69kDa KDa**

TBRG4 antibody - N-terminal region - 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.

TBRG4 antibody - N-terminal region - 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

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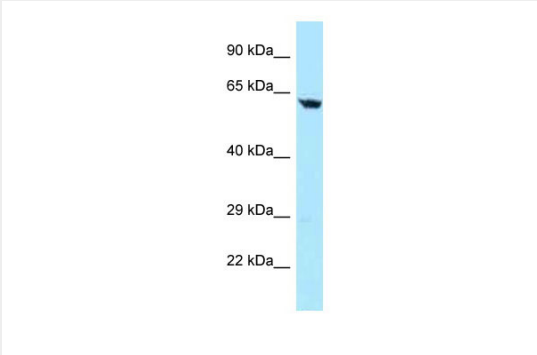
Tissue Location
Ubiquitously expressed (PubMed:12759187). Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in smooth muscle (PubMed:20869947)

TBRG4 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TBRG4 antibody - N-terminal region - Images



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

TBRG4 antibody - N-terminal region - 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).