

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

TBRG4 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O969Z0
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

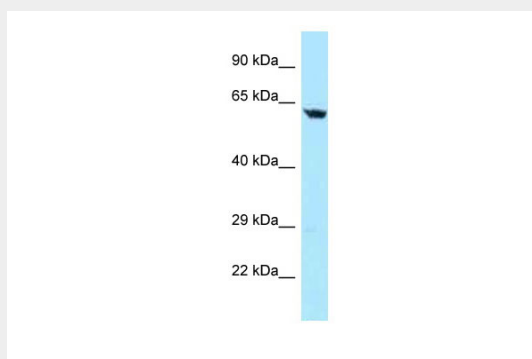
Tissue Location

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 Cytometry](#)
- [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).