

TBRG4 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58798

Specification

TBRG4 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O969Z0
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70738

TBRG4 Polyclonal Antibody - Additional Information

Gene ID 9238

Other Names

FAST kinase domain-containing protein 4, Cell cycle progression restoration protein 2, Cell cycle progression protein 2, Protein TBRG4, Transforming growth factor beta regulator 4 {ECO:0000312|HGNC:HGNC:17443}, TBRG4 ([HGNC:17443](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17443))

Dilution

WB ~ 1:1000
IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50~200
E ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TBRG4 Polyclonal Antibody - 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](http://www.uniprot.org/citations/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 Polyclonal Antibody - 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 Polyclonal Antibody - Images