

**TBRG1 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6376a****Specification**

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**TBRG1 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q3YBR2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44946
Antigen Region	6-36

**TBRG1 Antibody (N-term) - Additional Information****Gene ID** 84897**Other Names**

Transforming growth factor beta regulator 1, Nuclear interactor of ARF and Mdm2, TBRG1, NIAM

**Target/Specificity**

This TBRG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-36 amino acids from the N-terminal region of human TBRG1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TBRG1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TBRG1 Antibody (N-term) - Protein Information****Name** TBRG1**Synonyms** NIAM**Function** Acts as a growth inhibitor. Can activate p53/TP53, causes G1 arrest and collaborates

with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability.

**Cellular Location**

Nucleus.

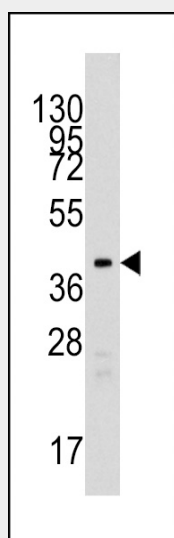
**Tissue Location**

Widely expressed at low levels in most tissues, with highest levels in pancreas, lung and liver. Expression is decreased in primary tumors including lung, liver, breast, pancreas and kidney carcinomas, chronic lymphocytic leukemia and diffuse large B- cell lymphoma.

**TBRG1 Antibody (N-term) - 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](#)

**TBRG1 Antibody (N-term) - Images**

Western blot analysis of anti-TBRG1 Pab (Cat.#AP6376a) in mouse kidney tissue lysates (35ug/lane). TBRG1 (arrow) was detected using the purified Pab.

**TBRG1 Antibody (N-term) - Background**

TBRG1 acts as a growth inhibitor. It can activate TP53/p53, cause G1 arrest and collaborate with CDKN2A to restrict proliferation, but it does not require either protein to inhibit DNA synthesis. TBRG1 redistributes CDKN2A into the nucleoplasm, and is involved in maintaining chromosomal stability.

**TBRG1 Antibody (N-term) - References**

Tompkins,V.S., J. Biol. Chem. 282 (2), 1322-1333 (2007)  
Babalola,G.O.,Mol. Reprod. Dev. 41 (2), 133-139 (1995)