

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

TBRG1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q3YBR2
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

E~~Use at an assay dependent concentration.

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

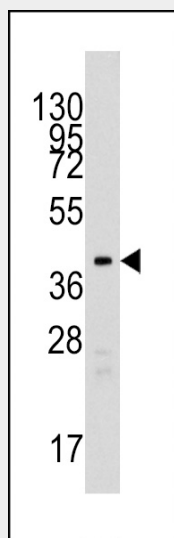
Widely expressed at low levels in most tissues, with highest levels in pancreas, lung and liver. Expression is decreased in primary tumors including lung, liver, breast, pancreas and kidney carcinomas, chronic lymphocytic leukemia and diffuse large B- cell lymphoma.

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)